

## VI. Annual Pretreatment Program Data

### 2010 Annual Pretreatment Program Sludge Analysis (QUARTERLY SLUDGE PROJECT)

#### SOUTH BAY WATER RECLAMATION PLANT

Order No. 2006-067

NPDES Permit No.CA0109045

The Quarterly Sludge Project is part of the South Bay WRP NPDES (Permit No. CA0109045/Order No. 2006-067) monitoring requirements for the Metropolitan Sewerage System. The sampling plan is designed so as to provide a “snapshot” of all of the physical and chemical characteristics monitored of the wastewater treatment waste streams for a short interval of time (1-2 days). This is conducted quarterly.

The Quarterly Sludge Project was conducted four times during 2010. Sampling occurred on February 2, May 4, August 3, and October 5. Monthly composite samples of MBC dewatered sludge (belt-press dewatered) during the respective calendar months were taken and analyzed for a similar suite of parameters. The tables showing the results of these analyses follow in this section. Results relative to the Pt. Loma WWTP or North City Water Reclamation Plant are in the respective annual reports for those facilities.

\* pH, Grease & Oils, temperature, and conductivity are determined from grab samples.

#### Abbreviations:

SB_INF_02	SBWRP influent
SB_OUTFALL_01	SBWRP effluent
SB_ITP_COMB_EFF	SBWRP & IWTP combined effluent
SB_REC_WATER_34	SBWRP reclaim water
SB_PRIEFF_10	Primary Effluent
SB_SEC_EFF_29	Secondary effluent
SB_RSL_10	Primary Sed Tank to Sludge Line

SOUTH BAY WATER RECLAMATION PLANT  
Daily Parameters and Metals

Annual 2010

Source: Date:			INFLUENT 02-FEB-2010	INFLUENT 04-MAY-2010	INFLUENT 02-AUG-2010	INFLUENT 05-OCT-2010
	MDL Units					
=====	=====	=====	=====	=====	=====	=====
Aluminum	47	UG/L	1300	618	380	1260
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	1.22	0.87	ND	ND
Barium	.039	UG/L	97.8	63.4	76.8	77.8
Beryllium	.022	UG/L	ND	ND	ND	ND
Boron	7	UG/L	347	306	325	260
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	3.5	1.5	2.2	3.0
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	73.4	31.7	57.1	63.8
Iron	37	UG/L	623	255	282	602
Lead	2	UG/L	ND	ND	ND	ND
Manganese	.24	UG/L	59.1	59.3	43.8	40.2
Mercury	.09	UG/L	0.309	ND	ND	0.069^
Molybdenum	.89	UG/L	5.6	5.5	5.4	4.6
Nickel	.53	UG/L	5.8	4.1	4.7	4.9
Selenium	.28	UG/L	1.83	1.18	1.07	ND
Silver	.4	UG/L	1.2	ND	ND	0.6
Thallium	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	3.03	1.39	1.38	1.10
Zinc	2.5	UG/L	153	62.5	82.6	143.0
=====	=====	=====	=====	=====	=====	=====
Calcium Hardness	.1	MG/L	202	171	189	166
Magnesium Hardness	.4	MG/L	146	121	131	125
Total Hardness	.4	MG/L	348	291	320	291
Total Alkalinity (bicarbonate)	20	MG/L	333	382	303	315
=====	=====	=====	=====	=====	=====	=====
Calcium	.04	MG/L	80.8	68.3	75.6	66.4
Lithium	.002	MG/L	0.037	0.029	0.041	0.032
Magnesium	.1	MG/L	35.5	29.3	31.9	30.4
Potassium	.3	MG/L	22.0	20.9	19.8	20.6
Sodium	1	MG/L	218	178	178	191
=====	=====	=====	=====	=====	=====	=====
Bromide	.1	MG/L	0.41	0.60	0.34	0.18
Chloride	7	MG/L	242	218	231	221
Fluoride	.05	MG/L	0.68	0.61	0.52	0.30
Nitrate	.04	MG/L	0.13	0.28	0.28	0.18
Ortho Phosphate	.2	MG/L	14.0	15.6	12.7	10.3
Sulfate	9	MG/L	186	134	165	139
Cyanides, Total	.002	MG/L	ND	ND	ND	ND
BOD	2	MG/L	406	429	348	384
pH		PH	8.2	7.4	7.1	7.4
Settleable Solids	.1	ML/L	14.0	20.0	9.0*	12.5
Turbidity	.13	NTU	134	191	124	152
Total Kjeldahl Nitrogen	1.6	MG/L	50.2	58.6	54.3	47.5
Ammonia-N	.3	MG/L	32.7	47.0	30.8	30.9
Sulfides-Total	.18	MG/L	11.3	11.2	4.86	10.7
Total Suspended Solids	1.4	MG/L	266	458	180	308
Volatile Suspended Solids	1.6	MG/L	234	389	156	276
Total Dissolved Solids	28	MG/L	1140	974	901	972
MBAS (Surfactants)	.03	MG/L	16.0	13.0	12.0	15.0

^ MDL= 0.005

\* Sample date 03-AUG-2010

ND= Not Detected

Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT  
Daily Parameters and Metals

Annual 2010

Source:			EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
Date:			02-FEB-2010	04-MAY-2010	03-AUG-2010	05-OCT-2010
	MDL	Units				
=====	=====	=====	=====	=====	=====	=====
Aluminum	47	UG/L	135	115	342	131
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	0.79	0.79	0.56	0.49
Barium	.039	UG/L	68.3	52.1	48.1	46.6
Beryllium	.022	UG/L	ND	ND	ND	ND
Boron	7	UG/L	361	369	334	194
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	<1.2	2.1	ND	1.5
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	11.4	12.5	12.3	13.8
Iron	37	UG/L	103	95	<37	95
Lead	2	UG/L	ND	ND	ND	ND
Manganese	.24	UG/L	40.1	29.7	23.4	25.1
Mercury	.09	UG/L	ND	ND	ND	0.007
Molybdenum	.89	UG/L	3.3	6.4	3.0	3.0
Nickel	.53	UG/L	10.1	5.2	4.6	3.9
Selenium	.28	UG/L	0.85	0.63	0.64	0.53
Silver	.4	UG/L	ND	ND	ND	ND
Thallium	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	1.31	1.12	1.17	<0.64
Zinc	2.5	UG/L	29.8	31.5	30.7	30.0
=====	=====	=====	=====	=====	=====	=====
Calcium Hardness	.1	MG/L	210	183	183	172
Magnesium Hardness	.4	MG/L	150	126	123	124
Total Hardness	.4	MG/L	360	308	305	296
Total Alkalinity (bicarbonate)	20	MG/L	177	159	155	156
=====	=====	=====	=====	=====	=====	=====
Calcium	.04	MG/L	84.0	73.1	73.1	68.8
Lithium	.002	MG/L	0.038	0.028	0.041	0.031
Magnesium	.1	MG/L	36.4	30.5	29.8	30.1
Potassium	.3	MG/L	19.8	19.8	21.4	19.2
Sodium	1	MG/L	219	201	182	192
=====	=====	=====	=====	=====	=====	=====
Bromide	.1	MG/L	0.45	0.53	0.36	0.26
Chloride	7	MG/L	251	251	229	233
Fluoride	.05	MG/L	0.71	0.67	0.59	0.53
Nitrate	.04	MG/L	25.5	28.7	26.2	25.2
Ortho Phosphate	.2	MG/L	4.7	9.0	10.4	4.3
Sulfate	9	MG/L	224	181	210	188
Cyanides, Total	.002	MG/L	ND	ND	ND	ND
BOD	2	MG/L	13.8	9.8	8.0	6.9
pH		PH	7.3	7.5	7.2	7.5
Settleable Solids	.1	ML/L	ND	ND	ND	ND
Turbidity	.13	NTU	1.9	3.1	2.4	2.0
Total Kjeldahl Nitrogen	1.6	MG/L	4.7	2.3	2.4	3.5
Chlorine Residual, Total	.03	MG/L	0.06	0.12	0.12	0.07
Ammonia-N	.3	MG/L	1.7	ND	ND	ND
Sulfides-Total	.18	MG/L	ND	<0.18	ND	ND
Total Suspended Solids	1.4	MG/L	5.1	4.1	6.7	5.1
Volatile Suspended Solids	1.6	MG/L	4.4	3.3	4.0	4.0
Total Dissolved Solids	28	MG/L	1060	939	NR	861
MBAS (Surfactants)	.03	MG/L	0.19	0.19	0.16	0.17

ND= Not Detected

NR= Not Required

Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT  
Daily Parameters and Metals

Annual 2010

Source:			COMB EFF	COMB EFF	COMB EFF	COMB EFF
Date:			02-FEB-2010	04-MAY-2010	03-AUG-2010	05-OCT-2010
	MDL	Units				
=====	=====	=====	=====	=====	=====	=====
Aluminum	47	UG/L	302	225	212	245
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	1.83	1.77	2.46	2.46
Barium	.039	UG/L	45.5	30.2	22.8	26.3
Beryllium	.022	UG/L	ND	ND	ND	ND
Boron	7	UG/L	396	381	442	326
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	8.8	3.8	2.5	2.4
Cobalt	.85	UG/L	0.9	0.9	1.1	1.0
Copper	2	UG/L	33.8	30.1	31.8	42.7
Iron	37	UG/L	1890	2360	1820	2180
Lead	2	UG/L	ND	4.8	2.4	2.7
Manganese	.24	UG/L	66.1	70.4	81.2	79.8
Mercury	.09	UG/L	ND	ND	ND	0.017
Molybdenum	.89	UG/L	6.9	9.0	8.9	10.8
Nickel	.53	UG/L	26.5	12.3	12.2	25.6
Selenium	.28	UG/L	1.62	1.80	1.96	3.34
Silver	.4	UG/L	0.8	ND	ND	ND
Thallium	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	2.67	2.81	2.85	2.51
Zinc	2.5	UG/L	65.0	50.1	47.4	45.5
=====	=====	=====	=====	=====	=====	=====
Calcium Hardness	.1	MG/L	232	192	195	206
Magnesium Hardness	.4	MG/L	159	127	146	155
Total Hardness	.4	MG/L	391	319	341	361
Total Alkalinity (bicarbonate)	20	MG/L	306	306	318	336
=====	=====	=====	=====	=====	=====	=====
Calcium	.04	MG/L	92.8	76.8	77.9	82.7
Lithium	.002	MG/L	0.061	0.042	0.047	0.053
Magnesium	.1	MG/L	38.7	30.8	35.6	37.7
Potassium	.3	MG/L	23.2	23.1	24.7	24.2
Sodium	1	MG/L	265	236	269	277
=====	=====	=====	=====	=====	=====	=====
Bromide	.1	MG/L	0.35	0.36	0.48	0.35
Chloride	7	MG/L	298	272	351	348
Fluoride	.05	MG/L	0.67	0.68	0.76	0.29
Nitrate	.04	MG/L	0.11	2.43	0.76	0.06
Ortho Phosphate	.2	MG/L	7.0	10.0	11.1	13.4
Sulfate	9	MG/L	343	246	259	274
Cyanides, Total	.002	MG/L	0.002	0.003	0.005	0.036
BOD	2	MG/L	124	179	105	137
pH		PH	7.8	7.4	7.5	7.3
Settleable Solids	.1	ML/L	ND	0.5	0.8	3.5
Turbidity	.13	NTU	37.9	39.9	48.0	38.8
Total Kjeldahl Nitrogen	1.6	MG/L	45.3	52.2	48.3	49.9
Chlorine Residual, Total	.03	MG/L	ND	ND	ND	ND
Ammonia-N	.3	MG/L	32.3	39.1	34.7	41.1
Sulfides-Total	.18	MG/L	ND	0.89	ND	0.24
Total Suspended Solids	1.4	MG/L	54.0	70.0	66.0	124.0
Volatile Suspended Solids	1.6	MG/L	50.0	48.0	50.0	119.0
Total Dissolved Solids	28	MG/L	1330	1100	1160	1230
MBAS (Surfactants)	.03	MG/L	13.0	17.0	13.0	13.0

ND= Not Detected

NR= Not Required

Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT  
Daily Parameters and Metals

Annual 2010

Source:			PRI EFF	PRI EFF	PRI EFF	PRI EFF
Date:			02-FEB-2010	04-MAY-2010	02-AUG-2010	05-OCT-2010
	MDL	Units				
=====	=====	=====	=====	=====	=====	=====
Aluminum	47	UG/L	626	748	394	525
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	1.04	0.96	0.49	0.58
Barium	.039	UG/L	82.1	65.9	69.0	62.8
Beryllium	.022	UG/L	ND	ND	ND	ND
Boron	7	UG/L	340	230	317	104
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	10.3	2.9	2.5	2.5
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	45.2	43.6	49.5	40.0
Iron	37	UG/L	438	468	239	300
Lead	2	UG/L	ND	2.1	ND	ND
Manganese	.24	UG/L	55.0	56.1	37.2	37.1
Mercury	.09	UG/L	ND	ND	ND	0.019
Molybdenum	.89	UG/L	5.0	8.7	4.8	4.7
Nickel	.53	UG/L	12.5	5.2	4.1	5.0
Selenium	.28	UG/L	1.43	1.27	1.20	0.99
Silver	.4	UG/L	0.8	6.0	ND	0.7
Thallium	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	1.38	1.46	1.40	1.02
Zinc	2.5	UG/L	76.5	96.5	71.5	81.2
=====	=====	=====	=====	=====	=====	=====
Calcium Hardness	.1	MG/L	207	173	182	171
Magnesium Hardness	.4	MG/L	153	121	124	128
Total Hardness	.4	MG/L	360	294	306	299
Total Alkalinity (bicarbonate)	20	MG/L	326	311	344	295
=====	=====	=====	=====	=====	=====	=====
Calcium	.04	MG/L	82.8	69.1	72.9	68.4
Lithium	.002	MG/L	0.037	0.029	0.041	0.032
Magnesium	.1	MG/L	37.1	29.5	30.1	31.1
Potassium	.3	MG/L	21.8	21.6	20.8	20.5
Sodium	1	MG/L	224	210	184	194
=====	=====	=====	=====	=====	=====	=====
Bromide	.1	MG/L	0.44	0.46	0.30	0.17
Chloride	7	MG/L	262	247	234	237
Fluoride	.05	MG/L	0.71	0.69	0.54	0.34
Nitrate	.04	MG/L	0.18	0.31	0.14	0.05
Ortho Phosphate	.2	MG/L	11.0	11.5	13.9	13.6
Sulfate	9	MG/L	209	148	169	161
Cyanides, Total	.002	MG/L	ND	ND	ND	ND
BOD	2	MG/L	208	276	174	197
pH		PH	7.6	7.7	7.0*	7.5
Settleable Solids	.1	ML/L	0.5	0.8	1.1*	1.0
Turbidity	.13	NTU	121	116	57.6	88.4
Total Kjeldahl Nitrogen	1.6	MG/L	45.4	45.2	53.4	54.4
Ammonia-N	.3	MG/L	28.3	26.0	43.9	35.5
Sulfides-Total	.18	MG/L	1.80	5.12	ND	2.14
Total Suspended Solids	1.4	MG/L	118	82.0	98.0	90.0
Volatile Suspended Solids	1.6	MG/L	102	68.0	82.0	62.5
Total Dissolved Solids	28	MG/L	1070	958	942	956
MBAS (Surfactants)	.03	MG/L	4.00	6.10	10.0	6.80

\* Sample date 03-AUG-2010

ND= Not Detected

NR= Not Required

Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT  
Daily Parameters and Metals

Annual 2010

Source:			SEC_EFF	SEC_EFF	SEC_EFF	SEC_EFF
Date:			02-FEB-2010	04-MAY-2010	02-AUG-2010	05-OCT-2010
	MDL	Units				
=====	=====	=====	=====	=====	=====	=====
Aluminum	47	UG/L	138	116	121	136
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	0.79	0.66	0.42	0.58
Barium	.039	UG/L	66.7	50.7	54.2	47.4
Beryllium	.022	UG/L	ND	ND	ND	ND
Boron	7	UG/L	369	362	347	110
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	ND	ND	1.5	2.0
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	13.4	6.9	17.9	11.4
Iron	37	UG/L	87	93	42	61
Lead	2	UG/L	ND	ND	ND	ND
Manganese	.24	UG/L	32.4	34.0	19.3	23.1
Mercury	.09	UG/L	ND	ND	ND	0.007
Molybdenum	.89	UG/L	3.4	5.6	3.7	3.1
Nickel	.53	UG/L	10.7	3.8	3.2	5.2
Selenium	.28	UG/L	0.80	0.64	0.84	0.63
Silver	.4	UG/L	ND	ND	ND	ND
Thallium	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	0.95	1.12	1.28	ND
Zinc	2.5	UG/L	30.2	36.2	33.1	27.1
=====	=====	=====	=====	=====	=====	=====
Calcium Hardness	.1	MG/L	202	183	176	174
Magnesium Hardness	.4	MG/L	146	126	121	125
Total Hardness	.4	MG/L	348	309	297	298
Total Alkalinity (bicarbonate)	20	MG/L	166	160	154	156
=====	=====	=====	=====	=====	=====	=====
Calcium	.04	MG/L	80.7	73.2	70.6	69.5
Lithium	.002	MG/L	0.036	0.030	0.041	0.032
Magnesium	.1	MG/L	35.5	30.6	29.4	30.2
Potassium	.3	MG/L	18.8	19.8	19.9	19.3
Sodium	1	MG/L	213	202	180	193
=====	=====	=====	=====	=====	=====	=====
Bromide	.1	MG/L	0.45	0.49	0.34	0.32
Chloride	7	MG/L	249	251	217	236
Fluoride	.05	MG/L	0.73	0.61	0.63	0.62
Nitrate	.04	MG/L	27.20	27.60	23.90	24.60
Ortho Phosphate	.2	MG/L	3.6	9.8	12.1	4.4
Sulfate	9	MG/L	227	182	202	190
Cyanides, Total	.002	MG/L	0.002	ND	0.002	ND
BOD	2	MG/L	14.7	6.6	9.6	12.9
pH		PH	7.3	7.4	7.2*	7.3
Settleable Solids	.1	ML/L	ND	ND	ND*	ND
Turbidity	.13	NTU	2.3	2.1	4.8	2.2
Total Kjeldahl Nitrogen	1.6	MG/L	3.5	2.2	3.2	3.4
Ammonia-N	.3	MG/L	0.6	ND	ND	ND
Sulfides-Total	.18	MG/L	ND	ND	ND	ND
Total Suspended Solids	1.4	MG/L	7.3	4.3	15.5	5.9
Volatile Suspended Solids	1.6	MG/L	6.2	3.3	13.5	4.8
Total Dissolved Solids	28	MG/L	971	907	924	912
MBAS (Surfactants)	.03	MG/L	0.22	0.20	0.22	0.13

\* Sample date 03-AUG-2010

ND= Not Detected

NR= Not Required

Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT  
Daily Parameters and Metals

Annual 2010

Source: Date:			RAW SLUDGE 02-FEB-2010	RAW SLUDGE 04-MAY-2010	RAW SLUDGE 03-AUG-2010	RAW SLUDGE 05-OCT-2010
	MDL	Units				
=====	=====	=====	=====	=====	=====	=====
Aluminum	47	UG/L	33200	52100	38700	4500
Antimony	2.9	UG/L	7.3	8.0	17.1	ND
Arsenic	.4	UG/L	11.6	2.05	1.57	16.0
Barium	.039	UG/L	942	1110	1270	236
Beryllium	.022	UG/L	0.66	0.37	1.02	0.05
Boron	7	UG/L	349	406	406	128
Cadmium	.53	UG/L	4.4	4.8	5.8	ND
Chromium	1.2	UG/L	87.7	107	121	14.9
Cobalt	.85	UG/L	7.8	9.0	11.4	2.9
Copper	2	UG/L	1440	1660	2270	404
Iron	37	UG/L	21400	22700	28700	41800
Lead	2	UG/L	73.0	81.8	157	6.8
Manganese	.24	UG/L	518	670	560	317
Mercury	.09	UG/L	2.82	4.30	2.52	7.60
Molybdenum	.89	UG/L	56.5	216.0	91.9	18.0
Nickel	.53	UG/L	94.9	95.6	113.0	26.4
Selenium	.28	UG/L	ND	2.55	2.46	0.99
Silver	.4	UG/L	20.6	25.6	25.6	3.8
Thallium	3.9	UG/L	7.7	6.3	ND	ND
Vanadium	.64	UG/L	52.2	69.3	50.8	5.08
Zinc	2.5	UG/L	3390	4500	4210	373
=====	=====	=====	=====	=====	=====	=====
Total Alkalinity (bicarbonate)	20	MG/L	815	737	863	848
=====	=====	=====	=====	=====	=====	=====
Calcium	.04	MG/L	96.9	104.0	98.8	81.8
Lithium	.002	MG/L	0.040	0.031	0.045	0.038
Magnesium	.1	MG/L	41.5	40.4	38.5	39.1
Potassium	.3	MG/L	36.7	36.7	36.0	32.5
Sodium	1	MG/L	210	208	188	200
=====	=====	=====	=====	=====	=====	=====
Bromide	.1	MG/L	0.40	0.58	ND	0.21
Chloride	7	MG/L	260	264	234	231
Fluoride	.05	MG/L	0.41	0.73	0.72	0.59
Nitrate	.04	MG/L	0.14	0.43	0.27	0.14
Ortho Phosphate	.2	MG/L	102	52.8	62.0	75.1
Sulfate	9	MG/L	77	66	72	57
Cyanides, Total	.002	MG/L	0.004	0.002	0.003	ND
Total Kjeldahl Nitrogen	1.6	MG/L	347	430	1850	437
Sulfides-Total	.18	MG/L	57.0	58.1	58.6	36.5

ND= Not Detected

NA= Not Analyzed

NS= Not Sampled

Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT  
Daily Parameters and Metals

Annual 2010

Source:			REC_WATER	REC_WATER	REC_WATER	REC_WATER
Date:			02-FEB-2010	04-MAY-2010	02-AUG-2010	05-OCT-2010
	MDL	Units				
=====	=====	=====	=====	=====	=====	=====
Aluminum	47	UG/L	126	103	321	144
Antimony	2.9	UG/L	ND	ND	ND	ND
Arsenic	.4	UG/L	0.89	0.74	0.63	<0.40
Barium	.039	UG/L	67.8	52.4	47.4	49.4
Beryllium	.022	UG/L	ND	ND	ND	ND
Boron	7	UG/L	359	361	361	117
Cadmium	.53	UG/L	ND	ND	ND	ND
Chromium	1.2	UG/L	ND	3.7	<1.2	<1.2
Cobalt	.85	UG/L	ND	ND	ND	ND
Copper	2	UG/L	11.8	13.9	12.0	11.5
Iron	37	UG/L	94	120	<37	73
Lead	2	UG/L	ND	ND	ND	ND
Manganese	.24	UG/L	30.5	32.8	16.6	18.2
Mercury	.09	UG/L	ND	ND	ND	0.006
Molybdenum	.89	UG/L	3.2	6.4	3.2	3.2
Nickel	.53	UG/L	10.0	6.9	4.5	4.3
Selenium	.28	UG/L	0.82	0.68	0.67	0.44
Silver	.4	UG/L	ND	ND	ND	ND
Thallium	3.9	UG/L	ND	ND	ND	ND
Vanadium	.64	UG/L	1.36	<0.64	1.08	ND
Zinc	2.5	UG/L	29.0	29.1	31.9	27.8
=====	=====	=====	=====	=====	=====	=====
Calcium Hardness	.1	MG/L	204	183	177	174
Magnesium Hardness	.4	MG/L	139	125	121	125
Total Hardness	.4	MG/L	343	308	298	299
Total Alkalinity (bicarbonate)	20	MG/L	187	160	141	163
=====	=====	=====	=====	=====	=====	=====
Calcium	.04	MG/L	81.6	73.4	71.0	69.5
Lithium	.002	MG/L	0.037	0.030	0.042	0.034
Magnesium	.1	MG/L	33.8	30.4	29.3	30.3
Potassium	.3	MG/L	18.5	19.6	19.5	19.5
Sodium	1	MG/L	199	200	180	198
=====	=====	=====	=====	=====	=====	=====
Bromide	.1	MG/L	0.35	0.45	0.31	0.24
Chloride	7	MG/L	254	253	219	242
Fluoride	.05	MG/L	0.62	0.49	0.47	0.47
Nitrate	.04	MG/L	26.1	31.1	29.1	29.2
Ortho Phosphate	.2	MG/L	4.1	8.3	7.2	4.8
Sulfate	9	MG/L	233	186	217	194
Cyanides, Total	.002	MG/L	0.002	0.002	0.003	0.004
BOD	2	MG/L	ND	ND	2.5	2.8
pH		PH	7.5	7.5	7.2*	7.5
Turbidity	.13	NTU	0.9	0.8	1.4	0.9
Total Kjeldahl Nitrogen	1.6	MG/L	3.5	1.8	2.0	2.2
Ammonia-N	.3	MG/L	2.4	ND	0.9	ND
Sulfides-Total	.18	MG/L	ND	ND	ND	ND
Total Suspended Solids	1.4	MG/L	1.5	ND	3.0	ND
Volatile Suspended Solids	1.6	MG/L	ND	ND	1.8	ND
Total Dissolved Solids	28	MG/L	1060	920	930	912
MBAS (Surfactants)	.03	MG/L	0.21	0.20	0.17	0.11

\* Sample Date 03-AUG-2010

ND= Not Detected

NR= Not Required

Chromium results are for Total Chromium



SOUTH BAY WATER RECLAMATION PLANT  
Ammonia-Nitrogen and Total Cyanides

Annual 2010

Total Cyanide, MDL=0.002 mg/L

	INFLUENT	EFFLUENT	COMB EFF	PRI EFF	SEC EFF	RSL
=====	=====	=====	=====	=====	=====	=====
02-FEB-2010	ND	ND	0.002	ND	0.002	0.004
04-MAY-2010	ND	ND	0.003	ND	ND	0.002
02-AUG-2010	ND	NR	NR	ND	0.002	NR
03-AUG-2010	NR	ND	0.005	NR	NR	0.003
05-OCT-2010	ND	ND	0.036	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
AVERAGE	ND	ND	0.012	ND	0.001	0.002

Ammonia as Nitrogen, MDL=0.3 mg/L

	INFLUENT	EFFLUENT	COMB EFF	PRI EFF	SEC EFF
=====	=====	=====	=====	=====	=====
02-FEB-2010	32.7	1.74	32.3	28.3	0.6
04-MAY-2010	47.0	ND	39.1	26.0	ND
02-AUG-2010	30.8	NR	NR	43.9	ND
03-AUG-2010	NR	ND	34.7	NR	NR
05-OCT-2010	30.9	ND	41.1	35.5	ND
=====	=====	=====	=====	=====	=====
AVERAGE	35.4	0.44	36.8	33.4	0.15

ND= Not Detected  
NR= Not Required  
NS= Not Sampled

SOUTH BAY WATER RECLAMATION PLANT  
Radioactivity

Annual 2010

Analyzed by: Test America Laboratories

Source	Sample Date	Sample ID	Gross Alpha Radiation	Gross Beta Radiation
INFLUENT	02-FEB-2010	P504507	3.3 ± 2.2	23.0 ± 4.7
INFLUENT	04-MAY-2010	P515501	1.0 ± 2.0	22.4 ± 5.5
INFLUENT	02-AUG-2010	P525067	4.3 ± 2.0	23.9 ± 5.2
INFLUENT	05-OCT-2010	P533616	4.1 ± 2.8	22.1 ± 6.4
INFLUENT	ANNUAL	AVERAGE	3.2 ± 2.3	22.9 ± 5.5

Source	Sample Date	Sample ID	Gross Alpha Radiation	Gross Beta Radiation
EFFLUENT	02-FEB-2010	P504512	2.1 ± 2.2	22.0 ± 4.5
EFFLUENT	04-MAY-2010	P515506	2.0 ± 2.6	21.9 ± 6.2
EFFLUENT	03-AUG-2010	P525072	1.9 ± 1.5	25.5 ± 4.8
EFFLUENT	05-OCT-2010	P533621	2.9 ± 2.8	28.3 ± 7.9
EFFLUENT	ANNUAL	AVERAGE	2.2 ± 2.3	24.4 ± 5.9

Source	Sample Date	Sample ID	Gross Alpha Radiation	Gross Beta Radiation
COMB EFF	02-FEB-2010	P504517	2.6 ± 3.3	25.4 ± 5.6
COMB EFF	04-MAY-2010	P515511	-0.9 ± 2.0	24.6 ± 6.4
COMB EFF	03-AUG-2010	P525077	3.6 ± 1.9	19.9 ± 5.6
COMB EFF	05-OCT-2010	P533626	3.2 ± 2.9	25.6 ± 7.0
COMB EFF	ANNUAL	AVERAGE	2.1 ± 2.5	23.9 ± 6.2

Source	Sample Date	Sample ID	Gross Alpha Radiation	Gross Beta Radiation
PRI EFF	02-FEB-2010	P504522	2.4 ± 2.5	25.3 ± 4.7
PRI EFF	04-MAY-2010	P515516	0.8 ± 1.8	26.8 ± 6.5
PRI EFF	02-AUG-2010	P525082	3.4 ± 1.6	22.6 ± 4.7
PRI EFF	05-OCT-2010	P533631	3.2 ± 3.0	21.6 ± 6.7
PRI EFF	ANNUAL	AVERAGE	2.5 ± 2.2	24.1 ± 5.7

Source	Sample Date	Sample ID	Gross Alpha Radiation	Gross Beta Radiation
SEC EFF	02-FEB-2010	P504527	2.2 ± 2.0	21.1 ± 4.6
SEC EFF	04-MAY-2010	P515521	2.6 ± 2.5	16.4 ± 5.1
SEC EFF	02-AUG-2010	P525087	2.1 ± 1.4	20.4 ± 4.2
SEC EFF	05-OCT-2010	P533636	1.0 ± 2.4	20.0 ± 6.9
SEC EFF	ANNUAL	AVERAGE	2.0 ± 2.1	1.95 ± 5.2

Source	Sample Date	Sample ID	Gross Alpha Radiation	Gross Beta Radiation
REC WATER	02-FEB-2010	P504543	3.5 ± 1.9	17.6 ± 4.3
REC WATER	04-MAY-2010	P515535	-0.3 ± 2.2	17.5 ± 6.4
REC WATER	02-AUG-2010	P525103	1.6 ± 1.1	20.2 ± 4.2
REC WATER	05-OCT-2010	P533650	2.6 ± 3.0	22.0 ± 7.3
REC WATER	ANNUAL	AVERAGE	1.9 ± 2.1	19.3 ± 5.6

Units in picocuries/liter (pCi/L)

SOUTH BAY WATER RECLAMATION PLANT  
Chlorinated Pesticide Analysis, EPA Method 608 (with additions)

Annual 2010

Analyte	MDL	Units	INFLUENT	INFLUENT	INFLUENT	INFLUENT
			02-FEB-2010 P504507	04-MAY-2010 P515501	02-AUG-2010 P525067	05-OCT-2010 P533616
=====	=====	=====	=====	=====	=====	=====
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND
BHC, Beta isomer	3	NG/L	ND	ND	ND	ND
BHC, Delta isomer	3	NG/L	ND	ND	ND	ND
BHC, Gamma isomer	5	NG/L	ND	ND	ND	10
Alpha (cis) Chlordane	3	NG/L	ND	ND	ND	ND
Gamma (trans) Chlordane	4	NG/L	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA
Cis Nonachlor	3	NG/L	ND	ND	ND	ND
Dieldrin	3	NG/L	ND	ND	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND	ND	ND
Alpha Endosulfan	4	NG/L	ND	ND	ND	ND
Beta Endosulfan	2	NG/L	ND	ND	ND	ND
Endrin	2	NG/L	ND	ND	ND	ND
Endrin aldehyde	9	NG/L	ND	ND	ND	ND
Heptachlor	8	NG/L	ND	ND	ND	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND
Methoxychlor	10	NG/L	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND
Oxychlordane	6	NG/L	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND
PCB 1232	360	NG/L	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND
PCB 1262	930	NG/L	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	ND	ND
p,p-DDT	8	NG/L	ND	ND	ND	ND
Toxaphene	330	NG/L	ND	ND	ND	ND
Trans Nonachlor	5	NG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
Aldrin + Dieldrin	7	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	10
DDT and derivatives	8	NG/L	0	0	0	0
Chlordane + related cmpds.	6	NG/L	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0
Endosulfans	6	NG/L	0	0	0	0
Heptachlors	8	NG/L	0	0	0	0
=====	=====	=====	=====	=====	=====	=====
Chlorinated Hydrocarbons	4000	NG/L	0	0	0	10

ND=not detected

NA=not analyzed

Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds.

SOUTH BAY WATER RECLAMATION PLANT  
Chlorinated Pesticide Analysis, EPA Method 608 (with additions)

Annual 2010

Analyte	MDL	Units	EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
			02-FEB-2010 P504512	04-MAY-2010 P515506	03-AUG-2010 P525072	05-OCT-2010 P533621
=====	=====	=====	=====	=====	=====	=====
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND
BHC, Beta isomer	3	NG/L	ND	ND	ND	ND
BHC, Delta isomer	3	NG/L	ND	ND	ND	ND
BHC, Gamma isomer	5	NG/L	ND	ND	ND	ND
Alpha (cis) Chlordane	3	NG/L	ND	ND	ND	ND
Gamma (trans) Chlordane	4	NG/L	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA
Cis Nonachlor	3	NG/L	ND	ND	ND	ND
Dieldrin	3	NG/L	ND	ND	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND	ND	ND
Alpha Endosulfan	4	NG/L	ND	ND	ND	ND
Beta Endosulfan	2	NG/L	ND	ND	ND	ND
Endrin	2	NG/L	ND	ND	ND	ND
Endrin aldehyde	9	NG/L	ND	ND	ND	ND
Heptachlor	8	NG/L	ND	ND	ND	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND
Methoxychlor	10	NG/L	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND
Oxychlordane	6	NG/L	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND
PCB 1232	360	NG/L	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND
PCB 1262	930	NG/L	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	ND	ND
p,p-DDT	8	NG/L	ND	ND	ND	ND
Toxaphene	330	NG/L	ND	ND	ND	ND
Trans Nonachlor	5	NG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
Aldrin + Dieldrin	7	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	0
DDT and derivatives	8	NG/L	0	0	0	0
Chlordane + related cmpds.	6	NG/L	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0
Endosulfans	6	NG/L	0	0	0	0
Heptachlors	8	NG/L	0	0	0	0
=====	=====	=====	=====	=====	=====	=====
Chlorinated Hydrocarbons	4000	NG/L	0	0	0	0

ND=not detected

NA=not analyzed

Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds.

SOUTH BAY WATER RECLAMATION PLANT  
Chlorinated Pesticide Analysis, EPA Method 608 (with additions)

Annual 2010

Analyte	MDL	Units	COMB EFF	COMB EFF	COMB EFF	COMB EFF
			02-FEB-2010 P504517	04-MAY-2010 P515511	03-AUG-2010 P525077	05-OCT-2010 P533626
=====	=====	=====	=====	=====	=====	=====
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND
BHC, Beta isomer	3	NG/L	ND	ND	ND	ND
BHC, Delta isomer	3	NG/L	ND	ND	ND	ND
BHC, Gamma isomer	5	NG/L	ND	ND	ND	6
Alpha (cis) Chlordane	3	NG/L	ND	ND	ND	ND
Gamma (trans) Chlordane	4	NG/L	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA
Cis Nonachlor	3	NG/L	ND	ND	ND	ND
Dieldrin	3	NG/L	ND	ND	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND	ND	ND
Alpha Endosulfan	4	NG/L	ND	ND	ND	ND
Beta Endosulfan	2	NG/L	ND	ND	ND	ND
Endrin	2	NG/L	ND	ND	ND	ND
Endrin aldehyde	9	NG/L	ND	ND	ND	ND
Heptachlor	8	NG/L	ND	ND	ND	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND
Methoxychlor	10	NG/L	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND
Oxychlordane	6	NG/L	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND
PCB 1232	360	NG/L	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND
PCB 1262	930	NG/L	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	ND	ND
p,p-DDT	8	NG/L	ND	ND	ND	ND
Toxaphene	330	NG/L	ND	ND	ND	ND
Trans Nonachlor	5	NG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
Aldrin + Dieldrin	7	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	6
DDT and derivatives	8	NG/L	0	0	0	0
Chlordane + related cmpds.	6	NG/L	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0
Endosulfans	6	NG/L	0	0	0	0
Heptachlors	8	NG/L	0	0	0	0
=====	=====	=====	=====	=====	=====	=====
Chlorinated Hydrocarbons	4000	NG/L	0	0	0	6

ND=not detected

NA=not analyzed

Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds.

SOUTH BAY WATER RECLAMATION PLANT  
Chlorinated Pesticide Analysis, EPA Method 608 (with additions)

Annual 2010

Analyte	MDL	Units	PRI EFF	PRI EFF	PRI EFF	PRI EFF
			02-FEB-2010	04-MAY-2010	02-AUG-2010	05-OCT-2010
			P504522	P515516	P525082	P533631
=====	=====	=====	=====	=====	=====	=====
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND
BHC, Beta isomer	3	NG/L	ND	ND	ND	ND
BHC, Delta isomer	3	NG/L	ND	ND	ND	ND
BHC, Gamma isomer	5	NG/L	ND	ND	ND	6
Alpha (cis) Chlordane	3	NG/L	ND	ND	ND	ND
Gamma (trans) Chlordane	4	NG/L	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA
Cis Nonachlor	3	NG/L	ND	ND	ND	ND
Dieldrin	3	NG/L	ND	ND	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND	ND	ND
Alpha Endosulfan	4	NG/L	ND	ND	ND	ND
Beta Endosulfan	2	NG/L	ND	ND	ND	ND
Endrin	2	NG/L	ND	ND	ND	ND
Endrin aldehyde	9	NG/L	ND	ND	ND	ND
Heptachlor	8	NG/L	ND	ND	ND	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND
Methoxychlor	10	NG/L	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND
Oxychlordane	6	NG/L	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND
PCB 1232	360	NG/L	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND
PCB 1262	930	NG/L	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	ND	ND
p,p-DDT	8	NG/L	ND	ND	ND	ND
Toxaphene	330	NG/L	ND	ND	ND	ND
Trans Nonachlor	5	NG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
Aldrin + Dieldrin	7	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	6
DDT and derivatives	8	NG/L	0	0	0	0
Chlordane + related cmpds.	6	NG/L	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0
Endosulfans	6	NG/L	0	0	0	0
Heptachlors	8	NG/L	0	0	0	0
=====	=====	=====	=====	=====	=====	=====
Chlorinated Hydrocarbons	4000	NG/L	0	0	0	6

ND=not detected

NA=not analyzed

Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds.

SOUTH BAY WATER RECLAMATION PLANT  
Chlorinated Pesticide Analysis, EPA Method 608 (with additions)

Annual 2010

Analyte	MDL	Units	SEC EFF	SEC EFF	SEC EFF	SEC EFF
			02-FEB-2010 P504527	04-MAY-2010 P515521	02-AUG-2010 P525087	05-OCT-2010 P533636
=====	=====	=====	=====	=====	=====	=====
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND
BHC, Beta isomer	3	NG/L	ND	ND	ND	ND
BHC, Delta isomer	3	NG/L	ND	ND	ND	ND
BHC, Gamma isomer	5	NG/L	ND	ND	ND	ND
Alpha (cis) Chlordane	3	NG/L	ND	ND	ND	ND
Gamma (trans) Chlordane	4	NG/L	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA
Cis Nonachlor	3	NG/L	ND	ND	ND	ND
Dieldrin	3	NG/L	ND	ND	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND	ND	ND
Alpha Endosulfan	4	NG/L	ND	ND	ND	ND
Beta Endosulfan	2	NG/L	ND	ND	ND	ND
Endrin	2	NG/L	ND	ND	ND	ND
Endrin aldehyde	9	NG/L	ND	ND	ND	ND
Heptachlor	8	NG/L	ND	ND	ND	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND
Methoxychlor	10	NG/L	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND
Oxychlordane	6	NG/L	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND
PCB 1232	360	NG/L	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND
PCB 1262	930	NG/L	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	ND	ND
p,p-DDT	8	NG/L	ND	ND	ND	ND
Toxaphene	330	NG/L	ND	ND	ND	ND
Trans Nonachlor	5	NG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
Aldrin + Dieldrin	7	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	0
DDT and derivatives	8	NG/L	0	0	0	0
Chlordane + related cmpds.	6	NG/L	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0
Endosulfans	6	NG/L	0	0	0	0
Heptachlors	8	NG/L	0	0	0	0
=====	=====	=====	=====	=====	=====	=====
Chlorinated Hydrocarbons	4000	NG/L	0	0	0	0

ND=not detected

NA=not analyzed

Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds.

SOUTH BAY WATER RECLAMATION PLANT  
Chlorinated Pesticide Analysis, EPA Method 608 (with additions)

Annual 2010

Analyte	MDL	Units	RSL	RSL	RSL	RSL
			02-FEB-2010 P504541	04-MAY-2010 P515533	03-AUG-2010 P525101	05-OCT-2010 P533648
=====	=====	=====	=====	=====	=====	=====
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND
BHC, Beta isomer	3	NG/L	ND	ND	ND	ND
BHC, Delta isomer	3	NG/L	ND	ND	ND	ND
BHC, Gamma isomer	5	NG/L	ND	ND	ND	ND
Alpha (cis) Chlordane	3	NG/L	ND	ND	ND	ND
Gamma (trans) Chlordane	4	NG/L	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA
Cis Nonachlor	3	NG/L	ND	ND	ND	ND
Dieldrin	3	NG/L	ND	ND	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND	ND	ND
Alpha Endosulfan	4	NG/L	ND	ND	ND	ND
Beta Endosulfan	2	NG/L	ND	ND	ND	ND
Endrin	2	NG/L	ND	ND	ND	ND
Endrin aldehyde	9	NG/L	ND	ND	ND	ND
Heptachlor	8	NG/L	ND	ND	ND	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND
Methoxychlor	10	NG/L	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND
Oxychlordane	6	NG/L	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND
PCB 1232	360	NG/L	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND
PCB 1262	930	NG/L	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	ND	ND
p,p-DDT	8	NG/L	ND	ND	ND	ND
Toxaphene	330	NG/L	ND	ND	ND	ND
Trans Nonachlor	5	NG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
Aldrin + Dieldrin	7	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	0
DDT and derivatives	8	NG/L	0	0	0	0
Chlordane + related cmpds.	6	NG/L	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0
Endosulfans	6	NG/L	0	0	0	0
Heptachlors	8	NG/L	0	0	0	0
=====	=====	=====	=====	=====	=====	=====
Chlorinated Hydrocarbons	4000	NG/L	0	0	0	0

ND=not detected

NA=not analyzed

Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds.



SOUTH BAY WATER RECLAMATION PLANT  
Chlorinated Pesticide Analysis, EPA Method 608 (with additions)

Annual 2010

Analyte	MDL	Units	REC_WATER	REC_WATER	REC_WATER	REC_WATER
			02-FEB-2010 P504543	04-MAY-2010 P515535	02-AUG-2010 P525103	05-OCT-2010 P533650
=====	=====	=====	=====	=====	=====	=====
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND
BHC, Beta isomer	3	NG/L	ND	ND	ND	ND
BHC, Delta isomer	3	NG/L	ND	ND	ND	ND
BHC, Gamma isomer	5	NG/L	ND	ND	ND	ND
Alpha (cis) Chlordane	3	NG/L	ND	ND	ND	ND
Gamma (trans) Chlordane	4	NG/L	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA
Cis Nonachlor	3	NG/L	ND	ND	ND	ND
Dieldrin	3	NG/L	ND	ND	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND	ND	ND
Alpha Endosulfan	4	NG/L	ND	ND	ND	ND
Beta Endosulfan	2	NG/L	ND	ND	ND	ND
Endrin	2	NG/L	ND	ND	ND	ND
Endrin aldehyde	9	NG/L	ND	ND	ND	ND
Heptachlor	8	NG/L	ND	ND	ND	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND
Methoxychlor	10	NG/L	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND
Oxychlordane	6	NG/L	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND
PCB 1232	360	NG/L	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND
PCB 1262	930	NG/L	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	ND	ND
p,p-DDT	8	NG/L	ND	ND	ND	ND
Toxaphene	330	NG/L	ND	ND	ND	ND
Trans Nonachlor	5	NG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
Aldrin + Dieldrin	7	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	0
DDT and derivatives	8	NG/L	0	0	0	0
Chlordane + related cmpds.	6	NG/L	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0
Endosulfans	6	NG/L	0	0	0	0
Heptachlors	8	NG/L	0	0	0	0
=====	=====	=====	=====	=====	=====	=====
Chlorinated Hydrocarbons	4000	NG/L	0	0	0	0

ND=not detected

NA=not analyzed

Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds.

SOUTH BAY WATER RECLAMATION PLANT  
Organophosphorus Pesticides EPA Method 614/622 (with additions)

Annual 2010

Analyte	MDL	Units	INF	INF	EFF	EFF	COMB EFF
			04-MAY-2010 P515501	05-OCT-2010 P533616	04-MAY-2010 P515506	05-OCT-2010 P533621	04-MAY-2010 P515511
Demeton O	.15	UG/L	ND	ND	ND	ND	ND
Demeton S	.08	UG/L	ND	ND	ND	ND	ND
Diazinon	.03	UG/L	ND	ND	ND	ND	ND
Guthion	.15	UG/L	ND	ND	ND	ND	ND
Malathion	.03	UG/L	ND	ND	ND	ND	ND
Parathion	.03	UG/L	ND	ND	ND	ND	ND
Dichlorvos	.05	UG/L	ND	ND	ND	ND	0.5
Dibrom	.2	UG/L	ND	NR	ND	NR	ND
Ethoprop	.04	UG/L	ND	NR	ND	NR	ND
Phorate	.04	UG/L	ND	NR	ND	NR	ND
Sulfotepp	.04	UG/L	ND	NR	ND	NR	ND
Disulfoton	.02	UG/L	ND	ND	ND	ND	ND
Dimethoate	.04	UG/L	ND	ND	ND	ND	4.0
Ronnel	.03	UG/L	ND	NR	ND	NR	ND
TrichloroNRte	.04	UG/L	ND	NR	ND	NR	ND
Merphos	.09	UG/L	ND	NR	ND	NR	ND
Dichlofenthion	.03	UG/L	ND	NR	ND	NR	ND
Tokuthion	.06	UG/L	ND	NR	ND	NR	ND
Stirophos	.03	UG/L	ND	ND	ND	ND	ND
Bolstar	.07	UG/L	ND	NR	ND	NR	ND
Fensulfothion	.07	UG/L	ND	NR	ND	NR	ND
EPN	.09	UG/L	ND	NR	ND	NR	ND
Coumaphos	.15	UG/L	ND	ND	ND	ND	ND
Mevinphos, e isomer	.05	UG/L	ND	NR	ND	NR	ND
Mevinphos, z isomer	.3	UG/L	ND	NR	ND	NR	ND
Chlorpyrifos	.03	UG/L	ND	ND	ND	ND	ND
Thiophosphorus Pesticides	.15	UG/L	0.0	0.0	0.0	0.0	0.0
Demeton -O, -S	.15	UG/L	0.0	0.0	0.0	0.0	0.0
Total Organophosphorus Pesticides	.3	UG/L	0.0	0.0	0.0	0.0	4.5

ND=not detected  
NR=not required

SOUTH BAY WATER RECLAMATION PLANT  
Organophosphorus Pesticides EPA Method 614/622 (with additions)

Annual 2010

Analyte	MDL Units	COMB EFF	PRI EFF	PRI EFF	SEC EFF	SEC EFF
		05-OCT-2010 P533626	04-MAY-2010 P515516	05-OCT-2010 P533631	04-MAY-2010 P515521	05-OCT-2010 P533636
Demeton O	.15 UG/L	ND	ND	ND	ND	ND
Demeton S	.08 UG/L	ND	ND	ND	ND	ND
Diazinon	.03 UG/L	ND	ND	ND	ND	ND
Guthion	.15 UG/L	ND	ND	ND	ND	ND
Malathion	.03 UG/L	0.3	ND	ND	ND	ND
Parathion	.03 UG/L	ND	ND	ND	ND	ND
Dichlorvos	.05 UG/L	0.4	ND	ND	ND	ND
Dibrom	.2 UG/L	NR	ND	NR	ND	NR
Ethoprop	.04 UG/L	NR	ND	NR	ND	NR
Phorate	.04 UG/L	NR	ND	NR	ND	NR
Sulfotepp	.04 UG/L	NR	ND	NR	ND	NR
Disulfoton	.02 UG/L	ND	ND	ND	ND	ND
Dimethoate	.04 UG/L	ND	ND	ND	ND	ND
Ronnel	.03 UG/L	NR	ND	NR	ND	NR
TrichloroNRte	.04 UG/L	NR	ND	NR	ND	NR
Merphos	.09 UG/L	NR	ND	NR	ND	NR
Dichlofenthion	.03 UG/L	NR	ND	NR	ND	NR
Tokuthion	.06 UG/L	NR	ND	NR	ND	NR
Stirophos	.03 UG/L	ND	ND	ND	ND	ND
Bolstar	.07 UG/L	NR	ND	NR	ND	NR
Fensulfothion	.07 UG/L	NR	ND	NR	ND	NR
EPN	.09 UG/L	NR	ND	NR	ND	NR
Coumaphos	.15 UG/L	ND	ND	ND	ND	ND
Mevinphos, e isomer	.05 UG/L	NR	ND	NR	ND	NR
Mevinphos, z isomer	.3 UG/L	NR	ND	NR	ND	NR
Chlorpyrifos	.03 UG/L	ND	ND	ND	ND	ND
Thiophosphorus Pesticides	.15 UG/L	0.3	0.0	0.0	0.0	0.0
Demeton -O, -S	.15 UG/L	0.0	0.0	0.0	0.0	0.0
Total Organophosphorus Pesticides	.3 UG/L	0.7	0.0	0.0	0.0	0.0

ND=not detected  
NR=not required

SOUTH BAY WATER RECLAMATION PLANT  
Organophosphorus Pesticides EPA Method 614/622 (with additions)

Annual 2010

Analyte	MDL	Units	RSL	RSL	RECLAIM	RECLAIM
			04-MAY-2010 P515533	05-OCT-2010 P533648	04-MAY-2010 P515535	05-OCT-2010 P533650
Demeton O	.15	UG/L	ND	ND	ND	ND
Demeton S	.08	UG/L	ND	ND	ND	ND
Diazinon	.03	UG/L	ND	ND	ND	ND
Guthion	.15	UG/L	ND	ND	ND	ND
Malathion	.03	UG/L	ND	ND	ND	ND
Parathion	.03	UG/L	ND	ND	ND	ND
Dichlorvos	.05	UG/L	ND	ND	ND	ND
Dibrom	.2	UG/L	ND	NR	ND	NR
Ethoprop	.04	UG/L	ND	NR	ND	NR
Phorate	.04	UG/L	ND	NR	ND	NR
Sulfotepp	.04	UG/L	ND	NR	ND	NR
Disulfoton	.02	UG/L	ND	ND	ND	ND
Dimethoate	.04	UG/L	ND	ND	ND	ND
Ronnel	.03	UG/L	ND	NR	ND	NR
TrichloroNRte	.04	UG/L	ND	NR	ND	NR
Merphos	.09	UG/L	ND	NR	ND	NR
Dichlofenthion	.03	UG/L	ND	NR	ND	NR
Tokuthion	.06	UG/L	ND	NR	ND	NR
Stirophos	.03	UG/L	ND	ND	ND	ND
Bolstar	.07	UG/L	ND	NR	ND	NR
Fensulfothion	.07	UG/L	ND	NR	ND	NR
EPN	.09	UG/L	ND	NR	ND	NR
Coumaphos	.15	UG/L	ND	ND	ND	ND
Mevinphos, e isomer	.05	UG/L	ND	NR	ND	NR
Mevinphos, z isomer	.3	UG/L	ND	NR	ND	NR
Chlorpyrifos	.03	UG/L	ND	ND	ND	ND
Thiophosphorus Pesticides	.15	UG/L	0.0	0.0	0.0	0.0
Demeton -O, -S	.15	UG/L	0.0	0.0	0.0	0.0
Total Organophosphorus Pesticides	.3	UG/L	0.0	0.0	0.0	0.0

ND=not detected

NR=not required

SOUTH BAY  
WATER RECLAMATION PLANT  
Priority Pollutants Base/Neutral Compounds, EPA Method 625

Annual 2010

Analyte	MDL	Units	SB_INF_02	SB_INF_02	SB_INF_02	SB_INF_02
			02-FEB-2010	04-MAY-2010	02-AUG-2010	05-OCT-2010
			P504507	P515501	P525067	P533616
=====						
Acenaphthene	1.8	UG/L	ND	ND	ND	ND
Acenaphthylene	1.77	UG/L	ND	ND	ND	ND
Anthracene	1.29	UG/L	ND	ND	ND	ND
Benzidine	1.52	UG/L	ND	ND	ND	ND
Benzo[A]anthracene	1.1	UG/L	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	1.35	UG/L	ND	ND	ND	ND
Benzo[K]fluoranthene	1.49	UG/L	ND	ND	ND	ND
Benzo[A]pyrene	1.25	UG/L	ND	ND	ND	ND
Benzo[G,H,I]perylene	1.09	UG/L	ND	ND	ND	ND
4-bromophenyl phenyl ether	1.4	UG/L	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.01	UG/L	ND	ND	ND	ND
bis(2-chloroethyl) ether	1.38	UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	1.16	UG/L	ND	ND	ND	ND
4-chlorophenyl phenyl ether	1.57	UG/L	ND	ND	ND	ND
2-chloronaphthalene	1.87	UG/L	ND	ND	ND	ND
Chrysene	1.16	UG/L	ND	ND	ND	ND
Dibenzo(A,H)anthracene	1.01	UG/L	ND	ND	ND	ND
Butyl benzyl phthalate	2.84	UG/L	3.9	ND	ND	ND
Di-n-butyl phthalate	3.96	UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	8.96	UG/L	10.3	11.1	12.2	23.6
Diethyl phthalate	3.05	UG/L	10.8	13.2	9.7	8.9
Dimethyl phthalate	1.44	UG/L	ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	ND	ND
2,4-dinitrotoluene	1.36	UG/L	ND	ND	ND	ND
2,6-dinitrotoluene	1.53	UG/L	ND	ND	ND	ND
1,2-diphenylhydrazine	1.37	UG/L	ND	ND	ND	ND
Fluoranthene	1.33	UG/L	ND	ND	ND	ND
Fluorene	1.61	UG/L	ND	ND	ND	ND
Hexachlorobenzene	1.48	UG/L	ND	ND	ND	ND
Hexachlorobutadiene	1.64	UG/L	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.25	UG/L	ND	ND	ND	ND
Hexachloroethane	1.32	UG/L	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	1.14	UG/L	ND	ND	ND	ND
Isophorone	1.53	UG/L	ND	33.8	ND	ND
Naphthalene	1.65	UG/L	ND	ND	ND	ND
Nitrobenzene	1.6	UG/L	ND	ND	ND	ND
N-nitrosodimethylamine	1.27	UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.16	UG/L	ND	ND	ND	ND
N-nitrosodiphenylamine	3.48	UG/L	ND	ND	ND	ND
Phenanthrene	1.34	UG/L	ND	ND	ND	ND
Pyrene	1.43	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.52	UG/L	ND	ND	ND	ND
=====						
Polynuc. Aromatic Hydrocarbons	1.77	UG/L	0.0	0.0	0.0	0.0
=====						
Base/Neutral Compounds	8.96	UG/L	25.0	58.1	21.9	32.5
Additional analytes determined						
=====						
Benzo[e]pyrene	1.44	UG/L	ND	ND	ND	ND
Biphenyl	2.29	UG/L	ND	ND	ND	ND
2,6-dimethylnaphthalene	2.16	UG/L	ND	ND	ND	ND
1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND
1-methylphenanthrene	1.46	UG/L	ND	ND	ND	ND
2-methylnaphthalene	2.14	UG/L	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	2.18	UG/L	ND	ND	ND	ND
Perylene	1.41	UG/L	ND	ND	ND	ND
Pyridine	3.33	UG/L	ND	ND	ND	ND

ND= not detected

SOUTH BAY WATER RECLAMATION PLANT  
Priority Pollutants Base/Neutral Compounds, EPA Method 625

Annual 2010

Analyte	MDL	Units	SB_OUTFALL_01	SB_OUTFALL_01	SB_OUTFALL_01	SB_OUTFALL_01
			02-FEB-2010	04-MAY-2010	03-AUG-2010	05-OCT-2010
			P504512	P515506	P525072	P533621
=====						
Acenaphthene	1.8	UG/L	ND	ND	ND	ND
Acenaphthylene	1.77	UG/L	ND	ND	ND	ND
Anthracene	1.29	UG/L	ND	ND	ND	ND
Benzidine	1.52	UG/L	ND	ND	ND	ND
Benzo[A]anthracene	1.1	UG/L	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	1.35	UG/L	ND	ND	ND	ND
Benzo[K]fluoranthene	1.49	UG/L	ND	ND	ND	ND
Benzo[A]pyrene	1.25	UG/L	ND	ND	ND	ND
Benzo[G,H,I]perylene	1.09	UG/L	ND	ND	ND	ND
4-bromophenyl phenyl ether	1.4	UG/L	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.01	UG/L	ND	ND	ND	ND
bis(2-chloroethyl) ether	1.38	UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	1.16	UG/L	ND	ND	ND	ND
4-chlorophenyl phenyl ether	1.57	UG/L	ND	ND	ND	ND
2-chloronaphthalene	1.87	UG/L	ND	ND	ND	ND
Chrysene	1.16	UG/L	ND	ND	ND	ND
Dibenzo(A,H)anthracene	1.01	UG/L	ND	ND	ND	ND
Butyl benzyl phthalate	2.84	UG/L	ND	ND	ND	ND
Di-n-butyl phthalate	3.96	UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	8.96	UG/L	9.8	ND	ND	ND
Diethyl phthalate	3.05	UG/L	ND	ND	ND	ND
Dimethyl phthalate	1.44	UG/L	ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	ND	ND
2,4-dinitrotoluene	1.36	UG/L	ND	ND	ND	ND
2,6-dinitrotoluene	1.53	UG/L	ND	ND	ND	ND
1,2-diphenylhydrazine	1.37	UG/L	ND	ND	ND	ND
Fluoranthene	1.33	UG/L	ND	ND	ND	ND
Fluorene	1.61	UG/L	ND	ND	ND	ND
Hexachlorobenzene	1.48	UG/L	ND	ND	ND	ND
Hexachlorobutadiene	1.64	UG/L	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.25	UG/L	ND	ND	ND	ND
Hexachloroethane	1.32	UG/L	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	1.14	UG/L	ND	ND	ND	ND
Isophorone	1.53	UG/L	ND	ND	ND	ND
Naphthalene	1.65	UG/L	ND	ND	ND	ND
Nitrobenzene	1.6	UG/L	ND	ND	ND	ND
N-nitrosodimethylamine	1.27	UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.16	UG/L	ND	ND	ND	ND
N-nitrosodiphenylamine	3.48	UG/L	ND	ND	ND	ND
Phenanthrene	1.34	UG/L	ND	ND	ND	ND
Pyrene	1.43	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.52	UG/L	ND	ND	ND	ND
=====						
Polynuc. Aromatic Hydrocarbons	1.77	UG/L	0.0	0.0	0.0	0.0
=====						
Base/Neutral Compounds	8.96	UG/L	9.8	0.0	0.0	0.0
Additional analytes determined						
=====						
Benzo[e]pyrene	1.44	UG/L	ND	ND	ND	ND
Biphenyl	2.29	UG/L	ND	ND	ND	ND
2,6-dimethylnaphthalene	2.16	UG/L	ND	ND	ND	ND
1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND
1-methylphenanthrene	1.46	UG/L	ND	ND	ND	ND
2-methylnaphthalene	2.14	UG/L	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	2.18	UG/L	ND	ND	ND	ND
Perylene	1.41	UG/L	ND	ND	ND	ND
Pyridine	3.33	UG/L	ND	ND	ND	ND

ND= not detected

SOUTH BAY WATER RECLAMATION PLANT  
Priority Pollutants Base/Neutral Compounds, EPA Method 625

Annual 2010

Analyte	MDL	Units	SB_ITP_COMB_EFF	SB_ITP_COMB_EFF	SB_ITP_COMB_EFF	SB_ITP_COMB_EFF
			02-FEB-2010	04-MAY-2010	03-AUG-2010	05-OCT-2010
			P504517	P515511	P525077	P533626
Acenaphthene	1.8	UG/L	ND	ND	ND	ND
Acenaphthylene	1.77	UG/L	ND	ND	ND	ND
Anthracene	1.29	UG/L	ND	ND	ND	ND
Benzidine	1.52	UG/L	ND	ND	ND	ND
Benzo[A]anthracene	1.1	UG/L	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	1.35	UG/L	ND	ND	ND	ND
Benzo[K]fluoranthene	1.49	UG/L	ND	ND	ND	ND
Benzo[A]pyrene	1.25	UG/L	ND	ND	ND	ND
Benzo[G,H,I]perylene	1.09	UG/L	ND	ND	ND	ND
4-bromophenyl phenyl ether	1.4	UG/L	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.01	UG/L	ND	ND	ND	ND
bis(2-chloroethyl) ether	1.38	UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	1.16	UG/L	ND	ND	ND	ND
4-chlorophenyl phenyl ether	1.57	UG/L	ND	ND	ND	ND
2-chloronaphthalene	1.87	UG/L	ND	ND	ND	ND
Chrysene	1.16	UG/L	ND	ND	ND	ND
Dibenzo(A,H)anthracene	1.01	UG/L	ND	ND	ND	ND
Butyl benzyl phthalate	2.84	UG/L	ND	ND	ND	ND
Di-n-butyl phthalate	3.96	UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	8.96	UG/L	ND	ND	ND	ND
Diethyl phthalate	3.05	UG/L	17.4	20.2	13.7	16.5
Dimethyl phthalate	1.44	UG/L	ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	ND	ND
2,4-dinitrotoluene	1.36	UG/L	ND	ND	ND	ND
2,6-dinitrotoluene	1.53	UG/L	ND	ND	ND	ND
1,2-diphenylhydrazine	1.37	UG/L	ND	ND	ND	ND
Fluoranthene	1.33	UG/L	ND	ND	ND	ND
Fluorene	1.61	UG/L	ND	ND	ND	ND
Hexachlorobenzene	1.48	UG/L	ND	ND	ND	ND
Hexachlorobutadiene	1.64	UG/L	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.25	UG/L	ND	ND	ND	ND
Hexachloroethane	1.32	UG/L	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	1.14	UG/L	ND	ND	ND	ND
Isophorone	1.53	UG/L	ND	ND	ND	ND
Naphthalene	1.65	UG/L	ND	ND	ND	ND
Nitrobenzene	1.6	UG/L	ND	ND	ND	ND
N-nitrosodimethylamine	1.27	UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.16	UG/L	ND	ND	ND	ND
N-nitrosodiphenylamine	3.48	UG/L	ND	ND	ND	ND
Phenanthrene	1.34	UG/L	ND	ND	ND	ND
Pyrene	1.43	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.52	UG/L	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons	1.77	UG/L	0.0	0.0	0.0	0.0
Base/Neutral Compounds	8.96	UG/L	17.4	20.2	13.7	16.5
Additional analytes determined						
Benzo[e]pyrene	1.44	UG/L	ND	ND	ND	ND
Biphenyl	2.29	UG/L	ND	ND	ND	ND
2,6-dimethylnaphthalene	2.16	UG/L	ND	ND	ND	ND
1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND
1-methylphenanthrene	1.46	UG/L	ND	ND	ND	ND
2-methylnaphthalene	2.14	UG/L	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	2.18	UG/L	ND	ND	ND	ND
Perylene	1.41	UG/L	ND	ND	ND	ND
Pyridine	3.33	UG/L	ND	ND	ND	ND

ND= not detected

SOUTH BAY WATER RECLAMATION PLANT  
Priority Pollutants Base/Neutral Compounds, EPA Method 625

Annual 2010

Analyte	MDL	Units	SB_PRIEFF_10	SB_PRIEFF_10	SB_PRIEFF_10	SB_PRIEFF_10
			02-FEB-2010	04-MAY-2010	02-AUG-2010	05-OCT-2010
			P504522	P515516	P525082	P533631
Acenaphthene	1.8	UG/L	ND	ND	ND	ND
Acenaphthylene	1.77	UG/L	ND	ND	ND	ND
Anthracene	1.29	UG/L	ND	ND	ND	ND
Benzidine	1.52	UG/L	ND	ND	ND	ND
Benzo[A]anthracene	1.1	UG/L	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	1.35	UG/L	ND	ND	ND	ND
Benzo[K]fluoranthene	1.49	UG/L	ND	ND	ND	ND
Benzo[A]pyrene	1.25	UG/L	ND	ND	ND	ND
Benzo[G,H,I]perylene	1.09	UG/L	ND	ND	ND	ND
4-bromophenyl phenyl ether	1.4	UG/L	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.01	UG/L	ND	ND	ND	ND
bis(2-chloroethyl) ether	1.38	UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	1.16	UG/L	ND	ND	ND	ND
4-chlorophenyl phenyl ether	1.57	UG/L	ND	ND	ND	ND
2-chloronaphthalene	1.87	UG/L	ND	ND	ND	ND
Chrysene	1.16	UG/L	ND	ND	ND	ND
Dibenzo(A,H)anthracene	1.01	UG/L	ND	ND	ND	ND
Butyl benzyl phthalate	2.84	UG/L	ND	ND	ND	ND
Di-n-butyl phthalate	3.96	UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	8.96	UG/L	9.8	12.3	12.6	28.5
Diethyl phthalate	3.05	UG/L	5.5	10.7	6.4	6.5
Dimethyl phthalate	1.44	UG/L	ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	ND	ND
2,4-dinitrotoluene	1.36	UG/L	ND	ND	ND	ND
2,6-dinitrotoluene	1.53	UG/L	ND	ND	ND	ND
1,2-diphenylhydrazine	1.37	UG/L	ND	ND	ND	ND
Fluoranthene	1.33	UG/L	ND	ND	ND	ND
Fluorene	1.61	UG/L	ND	ND	ND	ND
Hexachlorobenzene	1.48	UG/L	ND	ND	ND	ND
Hexachlorobutadiene	1.64	UG/L	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.25	UG/L	ND	ND	ND	ND
Hexachloroethane	1.32	UG/L	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	1.14	UG/L	ND	ND	ND	ND
Isophorone	1.53	UG/L	ND	ND	ND	ND
Naphthalene	1.65	UG/L	ND	ND	ND	ND
Nitrobenzene	1.6	UG/L	ND	ND	ND	ND
N-nitrosodimethylamine	1.27	UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.16	UG/L	ND	ND	ND	ND
N-nitrosodiphenylamine	3.48	UG/L	ND	ND	ND	ND
Phenanthrene	1.34	UG/L	ND	ND	ND	ND
Pyrene	1.43	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.52	UG/L	ND	ND	ND	ND
Polynuc. Aromatic Hydrocarbons	1.77	UG/L	0.0	0.0	0.0	0.0
Base/Neutral Compounds	8.96	UG/L	15.3	23.0	19.0	35.0
Additional analytes determined						
Benzo[e]pyrene	1.44	UG/L	ND	ND	ND	ND
Biphenyl	2.29	UG/L	ND	ND	ND	ND
2,6-dimethylnaphthalene	2.16	UG/L	ND	ND	ND	ND
1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND
1-methylphenanthrene	1.46	UG/L	ND	ND	ND	ND
2-methylnaphthalene	2.14	UG/L	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	2.18	UG/L	ND	ND	ND	ND
Perylene	1.41	UG/L	ND	ND	ND	ND
Pyridine	3.33	UG/L	ND	ND	ND	ND

ND= not detected



SOUTH BAY WATER RECLAMATION PLANT  
Priority Pollutants Base/Neutral Compounds, EPA Method 625

Annual 2010

Analyte	MDL	Units	SB_SEC_EFF_20	SB_SEC_EFF_20	SB_SEC_EFF_20	SB_SEC_EFF_20
			02-FEB-2010	04-MAY-2010	02-AUG-2010	05-OCT-2010
			P504527	P515521	P525087	P533636
=====						
Acenaphthene	1.8	UG/L	ND	ND	ND	ND
Acenaphthylene	1.77	UG/L	ND	ND	ND	ND
Anthracene	1.29	UG/L	ND	ND	ND	ND
Benzidine	1.52	UG/L	ND	ND	ND	ND
Benzo[A]anthracene	1.1	UG/L	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	1.35	UG/L	ND	ND	ND	ND
Benzo[K]fluoranthene	1.49	UG/L	ND	ND	ND	ND
Benzo[A]pyrene	1.25	UG/L	ND	ND	ND	ND
Benzo[G,H,I]perylene	1.09	UG/L	ND	ND	ND	ND
4-bromophenyl phenyl ether	1.4	UG/L	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.01	UG/L	ND	ND	ND	ND
bis(2-chloroethyl) ether	1.38	UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	1.16	UG/L	ND	ND	ND	ND
4-chlorophenyl phenyl ether	1.57	UG/L	ND	ND	ND	ND
2-chloronaphthalene	1.87	UG/L	ND	ND	ND	ND
Chrysene	1.16	UG/L	ND	ND	ND	ND
Dibenzo(A,H)anthracene	1.01	UG/L	ND	ND	ND	ND
Butyl benzyl phthalate	2.84	UG/L	ND	ND	ND	ND
Di-n-butyl phthalate	3.96	UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	8.96	UG/L	ND	ND	ND	ND
Diethyl phthalate	3.05	UG/L	ND	ND	ND	ND
Dimethyl phthalate	1.44	UG/L	ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	ND	ND
2,4-dinitrotoluene	1.36	UG/L	ND	ND	ND	ND
2,6-dinitrotoluene	1.53	UG/L	ND	ND	ND	ND
1,2-diphenylhydrazine	1.37	UG/L	ND	ND	ND	ND
Fluoranthene	1.33	UG/L	ND	ND	ND	ND
Fluorene	1.61	UG/L	ND	ND	ND	ND
Hexachlorobenzene	1.48	UG/L	ND	ND	ND	ND
Hexachlorobutadiene	1.64	UG/L	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.25	UG/L	ND	ND	ND	ND
Hexachloroethane	1.32	UG/L	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	1.14	UG/L	ND	ND	ND	ND
Isophorone	1.53	UG/L	ND	ND	ND	ND
Naphthalene	1.65	UG/L	ND	ND	ND	ND
Nitrobenzene	1.6	UG/L	ND	ND	ND	ND
N-nitrosodimethylamine	1.27	UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.16	UG/L	ND	ND	ND	ND
N-nitrosodiphenylamine	3.48	UG/L	ND	ND	ND	ND
Phenanthrene	1.34	UG/L	ND	ND	ND	ND
Pyrene	1.43	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.52	UG/L	ND	ND	ND	ND
=====						
Polynuc. Aromatic Hydrocarbons	1.77	UG/L	0.0	0.0	0.0	0.0
=====						
Base/Neutral Compounds	8.96	UG/L	0.0	0.0	0.0	0.0
Additional analytes determined						
=====						
Benzo[e]pyrene	1.44	UG/L	ND	ND	ND	ND
Biphenyl	2.29	UG/L	ND	ND	ND	ND
2,6-dimethylnaphthalene	2.16	UG/L	ND	ND	ND	ND
1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND
1-methylphenanthrene	1.46	UG/L	ND	ND	ND	ND
2-methylnaphthalene	2.14	UG/L	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	2.18	UG/L	ND	ND	ND	ND
Perylene	1.41	UG/L	ND	ND	ND	ND
Pyridine	3.33	UG/L	ND	ND	ND	ND

ND= not detected

SOUTH BAY WATER RECLAMATION PLANT  
Priority Pollutants Base/Neutral Compounds, EPA Method 625

Annual 2010

Analyte	MDL	Units	SB_REC_WATER_34	SB_REC_WATER_34	SB_REC_WATER_34	SB_REC_WATER_34
			02-FEB-2010	04-MAY-2010	02-AUG-2010	05-OCT-2010
			P504543	P515535	P525103	P533650
=====						
Acenaphthene	1.8	UG/L	ND	ND	ND	ND
Acenaphthylene	1.77	UG/L	ND	ND	ND	ND
Anthracene	1.29	UG/L	ND	ND	ND	ND
Benzidine	1.52	UG/L	ND	ND	ND	ND
Benzo[A]anthracene	1.1	UG/L	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	1.35	UG/L	ND	ND	ND	ND
Benzo[K]fluoranthene	1.49	UG/L	ND	ND	ND	ND
Benzo[A]pyrene	1.25	UG/L	ND	ND	ND	ND
Benzo[G,H,I]perylene	1.09	UG/L	ND	ND	ND	ND
4-bromophenyl phenyl ether	1.4	UG/L	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.01	UG/L	ND	ND	ND	ND
bis(2-chloroethyl) ether	1.38	UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	1.16	UG/L	ND	ND	ND	ND
4-chlorophenyl phenyl ether	1.57	UG/L	ND	ND	ND	ND
2-chloronaphthalene	1.87	UG/L	ND	ND	ND	ND
Chrysene	1.16	UG/L	ND	ND	ND	ND
Dibenzo(A,H)anthracene	1.01	UG/L	ND	ND	ND	ND
Butyl benzyl phthalate	2.84	UG/L	ND	ND	ND	ND
Di-n-butyl phthalate	3.96	UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	8.96	UG/L	ND	ND	ND	ND
Diethyl phthalate	3.05	UG/L	ND	ND	ND	ND
Dimethyl phthalate	1.44	UG/L	ND	ND	ND	ND
Di-n-octyl phthalate	1	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	ND	ND
2,4-dinitrotoluene	1.36	UG/L	ND	ND	ND	ND
2,6-dinitrotoluene	1.53	UG/L	ND	ND	ND	ND
1,2-diphenylhydrazine	1.37	UG/L	ND	ND	ND	ND
Fluoranthene	1.33	UG/L	ND	ND	ND	ND
Fluorene	1.61	UG/L	ND	ND	ND	ND
Hexachlorobenzene	1.48	UG/L	ND	ND	ND	ND
Hexachlorobutadiene	1.64	UG/L	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.25	UG/L	ND	ND	ND	ND
Hexachloroethane	1.32	UG/L	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	1.14	UG/L	ND	ND	ND	ND
Isophorone	1.53	UG/L	ND	ND	ND	ND
Naphthalene	1.65	UG/L	ND	ND	ND	ND
Nitrobenzene	1.6	UG/L	ND	ND	ND	ND
N-nitrosodimethylamine	1.27	UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.16	UG/L	ND	ND	ND	ND
N-nitrosodiphenylamine	3.48	UG/L	ND	ND	ND	ND
Phenanthrene	1.34	UG/L	ND	ND	ND	ND
Pyrene	1.43	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.52	UG/L	ND	ND	ND	ND
=====						
Polynuc. Aromatic Hydrocarbons	1.77	UG/L	0.0	0.0	0.0	0.0
=====						
Base/Neutral Compounds	8.96	UG/L	0.0	0.0	0.0	0.0
=====						
Additional analytes determined						
=====						
Benzo[e]pyrene	1.44	UG/L	ND	ND	ND	ND
Biphenyl	2.29	UG/L	ND	ND	ND	ND
2,6-dimethylnaphthalene	2.16	UG/L	ND	ND	ND	ND
1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND
1-methylphenanthrene	1.46	UG/L	ND	ND	ND	ND
2-methylnaphthalene	2.14	UG/L	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	2.18	UG/L	ND	ND	ND	ND
Perylene	1.41	UG/L	ND	ND	ND	ND
Pyridine	3.33	UG/L	ND	ND	ND	ND

ND= not detected

SOUTH BAY WATER RECLAMATION PLANT  
ACID EXTRACTABLE COMPOUNDS, EPA Method 625

Annual 2010

Analyte:	MDL	Units	INFLUENT	INFLUENT	INFLUENT	INFLUENT
			02-FEB-2010 P504507	04-MAY-2010 P515501	02-AUG-2010 P525067	05-OCT-2010 P533616
2-chlorophenol	1.32	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.01	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.65	UG/L	ND	ND	ND	ND
Pentachlorophenol	1.12	UG/L	ND	ND	ND	ND
Phenol	1.76	UG/L	26.7	47.7	44.2	36.5
2-nitrophenol	1.55	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	2.16	UG/L	ND	ND	ND	ND
4-nitrophenol	1.14	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	1.52	UG/L	ND	ND	ND	ND
2-methylphenol	2.15	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)		UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	2.11	UG/L	101	123	120	92.5
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
Total Chlorinated Phenols	1.67	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	2.16	UG/L	26.7	47.7	44.2	36.5
Total Phenols	2.16	UG/L	26.7	47.7	44.2	36.5

Analyte:	MDL	Units	EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
			02-FEB-2010 P504512	04-MAY-2010 P515506	03-AUG-2010 P525072	05-OCT-2010 P533621
2-chlorophenol	1.32	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.01	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.65	UG/L	ND	ND	ND	ND
Pentachlorophenol	1.12	UG/L	ND	ND	ND	ND
Phenol	1.76	UG/L	ND	ND	ND	ND
2-nitrophenol	1.55	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	2.16	UG/L	ND	ND	ND	ND
4-nitrophenol	1.14	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	1.52	UG/L	ND	ND	ND	ND
2-methylphenol	2.15	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)		UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	2.11	UG/L	ND	ND	ND	ND
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
Total Chlorinated Phenols	1.67	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	2.16	UG/L	0.0	0.0	0.0	0.0
Total Phenols	2.16	UG/L	0.0	0.0	0.0	0.0

SOUTH BAY WATER RECLAMATION PLANT  
ACID EXTRACTABLE COMPOUNDS, EPA Method 625

Annual 2010

Analyte:	MDL	Units	COMB EFF	COMB EFF	COMB EFF	COMB EFF
			02-FEB-2010 P504517	04-MAY-2010 P515511	03-AUG-2010 P525077	05-OCT-2010 P533626
2-chlorophenol	1.32	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.01	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.65	UG/L	ND	ND	ND	ND
Pentachlorophenol	1.12	UG/L	ND	ND	ND	ND
Phenol	1.76	UG/L	29.1	41.3	32.9	35.1
2-nitrophenol	1.55	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	2.16	UG/L	ND	ND	ND	ND
4-nitrophenol	1.14	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	1.52	UG/L	ND	ND	ND	ND
2-methylphenol	2.15	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)		UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	2.11	UG/L	26.9	20.3	3.1	5.1
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
Total Chlorinated Phenols	1.67	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	2.16	UG/L	29.1	41.3	32.9	35.1
Total Phenols	2.16	UG/L	29.1	41.3	32.9	35.1

Analyte:	MDL	Units	PRI EFF	PRI EFF	PRI EFF	PRI EFF
			02-FEB-2010 P504522	04-MAY-2010 P515516	02-AUG-2010 P525082	05-OCT-2010 P533631
2-chlorophenol	1.32	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.01	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.65	UG/L	ND	ND	ND	ND
Pentachlorophenol	1.12	UG/L	ND	ND	ND	ND
Phenol	1.76	UG/L	13.9	30.1	42.9	17.3
2-nitrophenol	1.55	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	2.16	UG/L	ND	ND	ND	ND
4-nitrophenol	1.14	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	1.52	UG/L	ND	ND	ND	ND
2-methylphenol	2.15	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)		UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	2.11	UG/L	38.0	75.6	135.0	40.7
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
Total Chlorinated Phenols	1.67	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	2.16	UG/L	13.9	30.1	42.9	17.3
Total Phenols	2.16	UG/L	13.9	30.1	42.9	17.3

SOUTH BAY WATER RECLAMATION PLANT  
ACID EXTRACTABLE COMPOUNDS, EPA Method 625

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			SEC EFF	SEC EFF	SEC EFF	SEC EFF
			02-FEB-2010	04-MAY-2010	02-AUG-2010	05-OCT-2010
Analyte:	MDL	Units	P504527	P515521	P525087	P533636
=====			=====	=====	=====	=====
2-chlorophenol	1.32	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.01	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.65	UG/L	ND	ND	ND	ND
Pentachlorophenol	1.12	UG/L	ND	ND	ND	ND
Phenol	1.76	UG/L	ND	ND	ND	ND
2-nitrophenol	1.55	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	2.16	UG/L	ND	ND	ND	ND
4-nitrophenol	1.14	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	1.52	UG/L	ND	ND	ND	ND
=====			=====	=====	=====	=====
2-methylphenol	2.15	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)		UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	2.11	UG/L	ND	ND	ND	ND
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
=====			=====	=====	=====	=====
Total Chlorinated Phenols	1.67	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	2.16	UG/L	0.0	0.0	0.0	0.0
=====			=====	=====	=====	=====
Total Phenols	2.16	UG/L	0.0	0.0	0.0	0.0

			RSL	RSL	RSL	RSL
			02-FEB-2010	04-MAY-2010	03-AUG-2010	05-OCT-2010
Analyte:	MDL	Units	P504541	P515533	P525101	P533648
=====	=====	=====	=====	=====	=====	=====
2-chlorophenol	1.32	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.01	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.65	UG/L	ND	ND	ND	ND
Pentachlorophenol	1.12	UG/L	ND	ND	ND	ND
Phenol	1.76	UG/L	129	119	193	235
2-nitrophenol	1.55	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	2.16	UG/L	ND	ND	ND	ND
4-nitrophenol	1.14	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	1.52	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
2-methylphenol	2.15	UG/L	ND	ND	ND	41.8
3-methylphenol(4-MP is unresolved)		UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	2.11	UG/L	286	141	359	293
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
Total Chlorinated Phenols	1.67	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	2.16	UG/L	129	119	193	235
=====	=====	=====	=====	=====	=====	=====
Total Phenols	2.16	UG/L	129	119	193	235

SOUTH BAY WATER RECLAMATION PLANT  
ACID EXTRACTABLE COMPOUNDS, EPA Method 625

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Analyte:	MDL	Units	REC WATER	REC WATER	REC WATER	REC WATER
			02-FEB-2010	04-MAY-2010	02-AUG-2010	05-OCT-2010
			P504543	P515535	P525103	P533650
=====	=====	=====	=====	=====	=====	=====
2-chlorophenol	1.32	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.01	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.65	UG/L	ND	ND	ND	ND
Pentachlorophenol	1.12	UG/L	ND	ND	ND	ND
Phenol	1.76	UG/L	ND	ND	ND	ND
2-nitrophenol	1.55	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	2.16	UG/L	ND	ND	ND	ND
4-nitrophenol	1.14	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	1.52	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
2-methylphenol	2.15	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)		UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	2.11	UG/L	ND	ND	ND	ND
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
Total Chlorinated Phenols	1.67	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	2.16	UG/L	0.0	0.0	0.0	0.0
=====	=====	=====	=====	=====	=====	=====
Total Phenols	2.16	UG/L	0.0	0.0	0.0	0.0

SOUTH BAY WATER RECLAMATION PLANT  
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B  
Annual 2010

Analyte	MDL Units	SB_INF_02 02-FEB-2010 P504510	SB_INF_02 04-MAY-2010 P515504	SB_INF_02 03-AUG-2010 P525070	SB_INF_02 05-OCT-2010 P533619
Acrolein	1.3 UG/L	ND	ND	ND	ND
Acrylonitrile	.7 UG/L	ND	ND	ND	ND
Benzene	.4 UG/L	ND	ND	ND	ND
Bromodichloromethane	.5 UG/L	ND	ND	ND	ND
Bromoform	.5 UG/L	ND	ND	ND	ND
Bromomethane	.7 UG/L	ND	ND	ND	ND
Carbon tetrachloride	.4 UG/L	ND	ND	ND	ND
Chlorobenzene	.4 UG/L	ND	ND	ND	ND
Chloroethane	.9 UG/L	ND	ND	ND	ND
2-chloroethylvinyl ether	1.1 UG/L	ND	ND	ND	ND
Chloroform	.2 UG/L	1.8	2.2	3.2	1.7
Chloromethane	.5 UG/L	ND	ND	ND	ND
Dibromochloromethane	.6 UG/L	ND	ND	ND	ND
1,2-dichlorobenzene	.4 UG/L	ND	ND	ND	ND
1,3-dichlorobenzene	.5 UG/L	ND	ND	ND	ND
1,4-dichlorobenzene	.4 UG/L	0.6	0.8	1.1	0.6
Dichlorodifluoromethane	.66 UG/L	ND	ND	ND	ND
1,1-dichloroethane	.4 UG/L	ND	ND	ND	ND
1,2-dichloroethane	.5 UG/L	ND	ND	ND	ND
1,1-dichloroethene	.4 UG/L	ND	ND	ND	ND
trans-1,2-dichloroethene	.6 UG/L	ND	ND	ND	ND
1,2-dichloropropane	.3 UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	.3 UG/L	ND	ND	ND	ND
trans-1,3-dichloropropene	.5 UG/L	ND	ND	ND	ND
Ethylbenzene	.3 UG/L	ND	ND	ND	ND
Methylene chloride	.3 UG/L	1.4	1.8	2.2	10.2
1,1,2,2-tetrachloroethane	.5 UG/L	ND	ND	ND	ND
Tetrachloroethene	1.1 UG/L	ND	ND	ND	ND
Toluene	.4 UG/L	0.5	0.6	0.8	0.8
1,1,1-trichloroethane	.4 UG/L	ND	ND	ND	ND
1,1,2-trichloroethane	.5 UG/L	ND	ND	ND	ND
Trichloroethene	.7 UG/L	ND	ND	ND	ND
Trichlorofluoromethane	.3 UG/L	ND	ND	ND	ND
Vinyl chloride	.4 UG/L	ND	ND	ND	ND
Halomethane Purgeable Cmpnds	.7 UG/L	0.0	0.0	0.0	0.0
Total Dichlorobenzenes	.5 UG/L	0.0	0.0	0.0	0.0
Total Chloromethanes	.5 UG/L	3.2	4.0	5.4	11.9
Purgeable Compounds	1.3 UG/L	4.3	5.4	7.3	13.3

Additional Analytes Determined

Acetone	4.5 UG/L	120	199	173	168
Allyl chloride	.6 UG/L	ND	ND	ND	ND
Benzyl chloride	1.1 UG/L	ND	ND	ND	ND
1,2-dibromoethane	.3 UG/L	ND	ND	ND	ND
2-butanone	6.3 UG/L	ND	ND	9.8	12.8
Carbon disulfide	.6 UG/L	1.6	4.6	1.3	1.9
1,2,4-trichlorobenzene	.7 UG/L	ND	ND	ND	ND
Chloroprene	.4 UG/L	ND	ND	ND	ND
Isopropylbenzene	.3 UG/L	ND	ND	ND	ND
Methyl Iodide	.6 UG/L	ND	ND	ND	ND
Methyl methacrylate	.8 UG/L	ND	ND	ND	ND
4-methyl-2-pentanone	1.3 UG/L	ND	ND	ND	ND
meta,para xylenes	.6 UG/L	ND	ND	ND	ND
Methyl tert-butyl ether	.4 UG/L	ND	ND	ND	ND
2-nitropropane	12 UG/L	ND	ND	ND	ND
ortho-xylene	.4 UG/L	ND	ND	ND	ND
Styrene	.3 UG/L	ND	ND	ND	ND

ND= not detected

SOUTH BAY WATER RECLAMATION PLANT  
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B  
Annual 2010

Analyte	MDL	Units	SB_OUTFALL_01 02-FEB-2010 P504515	SB_OUTFALL_01 04-MAY-2010 P515509	SB_OUTFALL_01 03-AUG-2010 P525075	SB_OUTFALL_01 05-OCT-2010 P533624
Acrolein	1.3	UG/L	ND	ND	ND	ND
Acrylonitrile	.7	UG/L	ND	ND	ND	ND
Benzene	.4	UG/L	ND	ND	ND	ND
Bromodichloromethane	.5	UG/L	ND	ND	ND	ND
Bromoform	.5	UG/L	ND	ND	ND	ND
Bromomethane	.7	UG/L	ND	ND	ND	ND
Carbon tetrachloride	.4	UG/L	ND	ND	ND	ND
Chlorobenzene	.4	UG/L	ND	ND	ND	ND
Chloroethane	.9	UG/L	ND	ND	ND	ND
2-chloroethylvinyl ether	1.1	UG/L	ND	ND	ND	ND
Chloroform	.2	UG/L	0.5	0.6	1.0	0.5
Chloromethane	.5	UG/L	ND	ND	ND	ND
Dibromochloromethane	.6	UG/L	ND	ND	ND	ND
1,2-dichlorobenzene	.4	UG/L	ND	ND	ND	ND
1,3-dichlorobenzene	.5	UG/L	ND	ND	ND	ND
1,4-dichlorobenzene	.4	UG/L	ND	ND	ND	ND
Dichlorodifluoromethane	.66	UG/L	ND	ND	ND	ND
1,1-dichloroethane	.4	UG/L	ND	ND	ND	ND
1,2-dichloroethane	.5	UG/L	ND	ND	ND	ND
1,1-dichloroethene	.4	UG/L	ND	ND	ND	ND
trans-1,2-dichloroethene	.6	UG/L	ND	ND	ND	ND
1,2-dichloropropane	.3	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	.3	UG/L	ND	ND	ND	ND
trans-1,3-dichloropropene	.5	UG/L	ND	ND	ND	ND
Ethylbenzene	.3	UG/L	ND	ND	ND	ND
Methylene chloride	.3	UG/L	2.1	0.5	0.8	2.7
1,1,2,2-tetrachloroethane	.5	UG/L	ND	ND	ND	ND
Tetrachloroethene	1.1	UG/L	ND	ND	ND	ND
Toluene	.4	UG/L	ND	ND	ND	ND
1,1,1-trichloroethane	.4	UG/L	ND	ND	ND	ND
1,1,2-trichloroethane	.5	UG/L	ND	ND	ND	ND
Trichloroethene	.7	UG/L	ND	ND	ND	ND
Trichlorofluoromethane	.3	UG/L	ND	ND	ND	ND
Vinyl chloride	.4	UG/L	ND	ND	ND	ND
Halomethane Purgeable Cmpnds	.7	UG/L	0.0	0.0	0.0	0.0
Total Dichlorobenzenes	.5	UG/L	0.0	0.0	0.0	0.0
Total Chloromethanes	.5	UG/L	2.6	1.1	1.8	3.2
Purgeable Compounds	1.3	UG/L	2.6	1.1	1.8	3.2
Additional Analytes Determined						
Acetone	4.5	UG/L	ND	ND	ND	ND
Allyl chloride	.6	UG/L	ND	ND	ND	ND
Benzyl chloride	1.1	UG/L	ND	ND	ND	ND
1,2-dibromoethane	.3	UG/L	ND	ND	ND	ND
2-butanone	6.3	UG/L	ND	ND	ND	ND
Carbon disulfide	.6	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	.7	UG/L	ND	ND	ND	ND
Chloroprene	.4	UG/L	ND	ND	ND	ND
Isopropylbenzene	.3	UG/L	ND	ND	ND	ND
Methyl Iodide	.6	UG/L	ND	ND	ND	ND
Methyl methacrylate	.8	UG/L	ND	ND	ND	ND
4-methyl-2-pentanone	1.3	UG/L	ND	ND	ND	ND
meta,para xylenes	.6	UG/L	ND	ND	ND	ND
Methyl tert-butyl ether	.4	UG/L	ND	ND	ND	ND
2-nitropropane	12	UG/L	ND	ND	ND	ND
ortho-xylene	.4	UG/L	ND	ND	ND	ND
Styrene	.3	UG/L	ND	ND	ND	ND

ND= not detected



SOUTH BAY WATER RECLAMATION PLANT  
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B  
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Analyte	MDL	Units	SB_ITP_COMB_EFF	SB_ITP_COMB_EFF	SB_ITP_COMB_EFF	SB_ITP_COMB_EFF
			02-FEB-2010	04-MAY-2010	03-AUG-2010	05-OCT-2010
			P504520	P515514	P525080	P533629
Acrolein	1.3	UG/L	ND	ND	ND	ND
Acrylonitrile	.7	UG/L	ND	ND	ND	ND
Benzene	.4	UG/L	ND	ND	ND	ND
Bromodichloromethane	.5	UG/L	1.4	ND	ND	ND
Bromoform	.5	UG/L	ND	ND	ND	ND
Bromomethane	.7	UG/L	ND	ND	ND	ND
Carbon tetrachloride	.4	UG/L	ND	ND	ND	ND
Chlorobenzene	.4	UG/L	ND	ND	ND	ND
Chloroethane	.9	UG/L	ND	ND	ND	ND
2-chloroethylvinyl ether	1.1	UG/L	ND	ND	ND	ND
Chloroform	.2	UG/L	5.8	12.9	8.5	9.6
Chloromethane	.5	UG/L	ND	ND	ND	ND
Dibromochloromethane	.6	UG/L	1.5	ND	ND	ND
1,2-dichlorobenzene	.4	UG/L	ND	ND	ND	ND
1,3-dichlorobenzene	.5	UG/L	ND	ND	ND	ND
1,4-dichlorobenzene	.4	UG/L	2.2	3.7	2.7	3.5
Dichlorodifluoromethane	.66	UG/L	ND	ND	ND	ND
1,1-dichloroethane	.4	UG/L	ND	ND	ND	ND
1,2-dichloroethane	.5	UG/L	ND	ND	ND	ND
1,1-dichloroethene	.4	UG/L	ND	ND	ND	ND
trans-1,2-dichloroethene	.6	UG/L	ND	ND	ND	ND
1,2-dichloropropane	.3	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	.3	UG/L	ND	ND	ND	ND
trans-1,3-dichloropropene	.5	UG/L	ND	ND	ND	ND
Ethylbenzene	.3	UG/L	0.7	1.5	0.4	1.1
Methylene chloride	.3	UG/L	2.7	5.8	3.0	3.3
1,1,2,2-tetrachloroethane	.5	UG/L	ND	ND	ND	ND
Tetrachloroethene	1.1	UG/L	ND	ND	ND	ND
Toluene	.4	UG/L	5.4	17.9	8.9	32.8
1,1,1-trichloroethane	.4	UG/L	ND	ND	ND	ND
1,1,2-trichloroethane	.5	UG/L	ND	ND	ND	ND
Trichloroethene	.7	UG/L	ND	ND	ND	0.8
Trichlorofluoromethane	.3	UG/L	ND	ND	ND	ND
Vinyl chloride	.4	UG/L	ND	ND	ND	ND
Halomethane Purgeable Cmpnds	.7	UG/L	0.0	0.0	0.0	0.0
Total Dichlorobenzenes	.5	UG/L	0.0	0.0	0.0	0.0
Total Chloromethanes	.5	UG/L	8.5	18.7	11.5	12.9
Purgeable Compounds	1.3	UG/L	19.7	41.8	23.5	51.1

Additional Analytes Determined

Analyte	MDL	Units	SB_ITP_COMB_EFF	SB_ITP_COMB_EFF	SB_ITP_COMB_EFF	SB_ITP_COMB_EFF
			02-FEB-2010	04-MAY-2010	03-AUG-2010	05-OCT-2010
Acetone	4.5	UG/L	368	486	484	636
Allyl chloride	.6	UG/L	ND	ND	ND	ND
Benzyl chloride	1.1	UG/L	ND	ND	4.3	1.8
1,2-dibromoethane	.3	UG/L	ND	ND	ND	ND
2-butanone	6.3	UG/L	15.3	9.5	6.8	14.5
Carbon disulfide	.6	UG/L	1.3	2.7	1.5	4.0
1,2,4-trichlorobenzene	.7	UG/L	ND	ND	ND	ND
Chloroprene	.4	UG/L	ND	ND	ND	ND
Isopropylbenzene	.3	UG/L	ND	0.6	1.3	0.9
Methyl Iodide	.6	UG/L	ND	ND	ND	ND
Methyl methacrylate	.8	UG/L	ND	ND	ND	ND
4-methyl-2-pentanone	1.3	UG/L	ND	ND	ND	2.9
meta,para xylenes	.6	UG/L	2.9	6.0	1.4	4.5
Methyl tert-butyl ether	.4	UG/L	ND	ND	ND	ND
2-nitropropane	12	UG/L	ND	ND	ND	ND
ortho-xylene	.4	UG/L	1.9	4.0	1.9	7.0
Styrene	.3	UG/L	ND	ND	ND	ND

ND= not detected

SOUTH BAY WATER RECLAMATION PLANT  
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B  
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Analyte	MDL	Units	SB_PRIEFF_10 02-FEB-2010 P504525	SB_PRIEFF_10 04-MAY-2010 P515519	SB_PRIEFF_10 03-AUG-2010 P525085	SB_PRIEFF_10 05-OCT-2010 P533634
Acrolein	1.3	UG/L	ND	ND	ND	ND
Acrylonitrile	.7	UG/L	ND	ND	ND	ND
Benzene	.4	UG/L	ND	ND	ND	ND
Bromodichloromethane	.5	UG/L	ND	ND	ND	ND
Bromoform	.5	UG/L	ND	ND	ND	ND
Bromomethane	.7	UG/L	ND	ND	ND	ND
Carbon tetrachloride	.4	UG/L	ND	ND	ND	ND
Chlorobenzene	.4	UG/L	ND	ND	ND	ND
Chloroethane	.9	UG/L	ND	ND	ND	ND
2-chloroethylvinyl ether	1.1	UG/L	ND	ND	ND	ND
Chloroform	.2	UG/L	1.2	1.8	1.7	1.5
Chloromethane	.5	UG/L	ND	ND	ND	ND
Dibromochloromethane	.6	UG/L	ND	ND	ND	ND
1,2-dichlorobenzene	.4	UG/L	ND	ND	ND	ND
1,3-dichlorobenzene	.5	UG/L	ND	ND	ND	ND
1,4-dichlorobenzene	.4	UG/L	0.4	ND	0.8	<0.4
Dichlorodifluoromethane	.66	UG/L	ND	ND	ND	ND
1,1-dichloroethane	.4	UG/L	ND	ND	ND	ND
1,2-dichloroethane	.5	UG/L	ND	ND	ND	ND
1,1-dichloroethene	.4	UG/L	ND	ND	ND	ND
trans-1,2-dichloroethene	.6	UG/L	ND	ND	ND	ND
1,2-dichloropropane	.3	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	.3	UG/L	ND	ND	ND	ND
trans-1,3-dichloropropene	.5	UG/L	ND	ND	ND	ND
Ethylbenzene	.3	UG/L	ND	ND	ND	ND
Methylene chloride	.3	UG/L	0.8	1.5	5.0	224
1,1,2,2-tetrachloroethane	.5	UG/L	ND	ND	ND	ND
Tetrachloroethene	1.1	UG/L	ND	ND	ND	ND
Toluene	.4	UG/L	1.3	0.6	0.7	0.6
1,1,1-trichloroethane	.4	UG/L	ND	ND	ND	ND
1,1,2-trichloroethane	.5	UG/L	ND	ND	ND	ND
Trichloroethene	.7	UG/L	ND	ND	ND	ND
Trichlorofluoromethane	.3	UG/L	ND	ND	ND	ND
Vinyl chloride	.4	UG/L	ND	ND	ND	ND
Halomethane Purgeable Cmpnds	.7	UG/L	0.0	0.0	0.0	0.0
Total Dichlorobenzenes	.5	UG/L	0.0	0.0	0.0	0.0
Total Chloromethanes	.5	UG/L	2.0	3.3	6.7	226
Purgeable Compounds	1.3	UG/L	3.7	3.9	8.2	226

Additional Analytes Determined

Acetone	4.5	UG/L	230	216	199	230
Allyl chloride	.6	UG/L	ND	ND	ND	ND
Benzyl chloride	1.1	UG/L	ND	ND	ND	ND
1,2-dibromoethane	.3	UG/L	ND	ND	ND	ND
2-butanone	6.3	UG/L	ND	ND	12.0	7.4
Carbon disulfide	.6	UG/L	2.2	2.5	2.3	5.9
1,2,4-trichlorobenzene	.7	UG/L	ND	ND	ND	ND
Chloroprene	.4	UG/L	ND	ND	ND	ND
Isopropylbenzene	.3	UG/L	ND	ND	ND	ND
Methyl Iodide	.6	UG/L	ND	ND	ND	ND
Methyl methacrylate	.8	UG/L	ND	ND	ND	ND
4-methyl-2-pentanone	1.3	UG/L	ND	ND	ND	ND
meta,para xylenes	.6	UG/L	ND	ND	ND	ND
Methyl tert-butyl ether	.4	UG/L	ND	ND	ND	ND
2-nitropropane	12	UG/L	ND	ND	ND	ND
ortho-xylene	.4	UG/L	ND	ND	ND	ND
Styrene	.3	UG/L	ND	ND	ND	ND

ND= not detected

SOUTH BAY WATER RECLAMATION PLANT  
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B  
Annual 2010

Analyte	MDL	Units	SB_SEC_EFF_20 02-FEB-2010 P504530	SB_SEC_EFF_20 04-MAY-2010 P515524	SB_SEC_EFF_20 03-AUG-2010 P525090	SB_SEC_EFF_20 05-OCT-2010 P533639
Acrolein	1.3	UG/L	ND	ND	ND	ND
Acrylonitrile	.7	UG/L	ND	ND	ND	ND
Benzene	.4	UG/L	ND	ND	ND	ND
Bromodichloromethane	.5	UG/L	ND	ND	ND	ND
Bromoform	.5	UG/L	ND	ND	ND	ND
Bromomethane	.7	UG/L	ND	ND	ND	ND
Carbon tetrachloride	.4	UG/L	ND	ND	ND	ND
Chlorobenzene	.4	UG/L	ND	ND	ND	ND
Chloroethane	.9	UG/L	ND	ND	ND	ND
2-chloroethylvinyl ether	1.1	UG/L	ND	ND	ND	ND
Chloroform	.2	UG/L	0.5	0.6	0.6	ND
Chloromethane	.5	UG/L	ND	ND	ND	ND
Dibromochloromethane	.6	UG/L	ND	ND	ND	ND
1,2-dichlorobenzene	.4	UG/L	ND	ND	ND	ND
1,3-dichlorobenzene	.5	UG/L	ND	ND	ND	ND
1,4-dichlorobenzene	.4	UG/L	ND	ND	ND	ND
Dichlorodifluoromethane	.66	UG/L	ND	ND	ND	ND
1,1-dichloroethane	.4	UG/L	ND	ND	ND	ND
1,2-dichloroethane	.5	UG/L	ND	ND	ND	ND
1,1-dichloroethene	.4	UG/L	ND	ND	ND	ND
trans-1,2-dichloroethene	.6	UG/L	ND	ND	ND	ND
1,2-dichloropropane	.3	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	.3	UG/L	ND	ND	ND	ND
trans-1,3-dichloropropene	.5	UG/L	ND	ND	ND	ND
Ethylbenzene	.3	UG/L	ND	ND	ND	ND
Methylene chloride	.3	UG/L	0.5	0.7	0.3	4.0
1,1,2,2-tetrachloroethane	.5	UG/L	ND	ND	ND	ND
Tetrachloroethene	1.1	UG/L	ND	ND	ND	ND
Toluene	.4	UG/L	ND	ND	ND	ND
1,1,1-trichloroethane	.4	UG/L	ND	ND	ND	ND
1,1,2-trichloroethane	.5	UG/L	ND	ND	ND	ND
Trichloroethene	.7	UG/L	ND	ND	ND	ND
Trichlorofluoromethane	.3	UG/L	ND	ND	ND	ND
Vinyl chloride	.4	UG/L	ND	ND	ND	ND
Halomethane Purgeable Cmpnds	.7	UG/L	0.0	0.0	0.0	0.0
Total Dichlorobenzenes	.5	UG/L	0.0	0.0	0.0	0.0
Total Chloromethanes	.5	UG/L	1.0	1.3	0.9	4.0
Purgeable Compounds	1.3	UG/L	1.0	1.3	0.9	4.0

Additional Analytes Determined

Acetone	4.5	UG/L	ND	ND	ND	ND
Allyl chloride	.6	UG/L	ND	ND	ND	ND
Benzyl chloride	1.1	UG/L	ND	ND	ND	ND
1,2-dibromoethane	.3	UG/L	ND	ND	ND	ND
2-butanone	6.3	UG/L	ND	ND	ND	ND
Carbon disulfide	.6	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	.7	UG/L	ND	ND	ND	ND
Chloroprene	.4	UG/L	ND	ND	ND	ND
Isopropylbenzene	.3	UG/L	ND	ND	ND	ND
Methyl Iodide	.6	UG/L	ND	ND	ND	ND
Methyl methacrylate	.8	UG/L	ND	ND	ND	ND
4-methyl-2-pentanone	1.3	UG/L	ND	ND	ND	ND
meta,para xylenes	.6	UG/L	ND	ND	ND	ND
Methyl tert-butyl ether	.4	UG/L	ND	ND	ND	ND
2-nitropropane	12	UG/L	ND	ND	ND	ND
ortho-xylene	.4	UG/L	ND	ND	ND	ND
Styrene	.3	UG/L	ND	ND	ND	ND

ND= not detected

SOUTH BAY WATER RECLAMATION PLANT  
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B  
Annual 2010

Analyte	MDL	Units	SB_REC_WATER_34	SB_REC_WATER_34	SB_REC_WATER_34	SB_REC_WATER_34
			02-FEB-2010	04-MAY-2010	03-AUG-2010	05-OCT-2010
			P504546	P515538	P525106	P533653
=====						
Acrolein	1.3	UG/L	ND	ND	ND	ND
Acrylonitrile	.7	UG/L	ND	ND	ND	ND
Benzene	.4	UG/L	ND	ND	ND	ND
Bromodichloromethane	.5	UG/L	ND	ND	ND	4.9
Bromoform	.5	UG/L	ND	ND	ND	ND
Bromomethane	.7	UG/L	ND	ND	ND	ND
Carbon tetrachloride	.4	UG/L	ND	ND	ND	ND
Chlorobenzene	.4	UG/L	ND	ND	ND	ND
Chloroethane	.9	UG/L	ND	ND	ND	ND
2-chloroethylvinyl ether	1.1	UG/L	ND	ND	ND	ND
Chloroform	.2	UG/L	1.5	1.5	1.4	9.8
Chloromethane	.5	UG/L	ND	ND	ND	ND
Dibromochloromethane	.6	UG/L	ND	ND	ND	1.8
1,2-dichlorobenzene	.4	UG/L	ND	ND	ND	ND
1,3-dichlorobenzene	.5	UG/L	ND	ND	ND	ND
1,4-dichlorobenzene	.4	UG/L	ND	ND	ND	ND
Dichlorodifluoromethane	.66	UG/L	ND	ND	ND	ND
1,1-dichloroethane	.4	UG/L	ND	ND	ND	ND
1,2-dichloroethane	.5	UG/L	ND	ND	ND	ND
1,1-dichloroethene	.4	UG/L	ND	ND	ND	ND
trans-1,2-dichloroethene	.6	UG/L	ND	ND	ND	ND
1,2-dichloropropane	.3	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	.3	UG/L	ND	ND	ND	ND
trans-1,3-dichloropropene	.5	UG/L	ND	ND	ND	ND
Ethylbenzene	.3	UG/L	ND	ND	ND	ND
Methylene chloride	.3	UG/L	0.7	0.7	3.9	355
1,1,2,2-tetrachloroethane	.5	UG/L	ND	ND	ND	ND
Tetrachloroethene	1.1	UG/L	ND	ND	ND	ND
Toluene	.4	UG/L	ND	ND	ND	ND
1,1,1-trichloroethane	.4	UG/L	ND	ND	ND	ND
1,1,2-trichloroethane	.5	UG/L	ND	ND	ND	ND
Trichloroethene	.7	UG/L	ND	ND	ND	ND
Trichlorofluoromethane	.3	UG/L	ND	ND	ND	ND
Vinyl chloride	.4	UG/L	ND	ND	ND	ND
=====						
Halomethane Purgeable Cmpnds	.7	UG/L	0.0	0.0	0.0	0.0
=====						
Total Dichlorobenzenes	.5	UG/L	0.0	0.0	0.0	0.0
=====						
Total Chloromethanes	.5	UG/L	2.2	2.2	5.3	365
=====						
Purgeable Compounds	1.3	UG/L	2.2	2.2	5.3	372

Additional Analytes Determined

=====						
Acetone	4.5	UG/L	ND	ND	4.8	ND
Allyl chloride	.6	UG/L	ND	ND	ND	ND
Benzyl chloride	1.1	UG/L	ND	ND	ND	ND
1,2-dibromoethane	.3	UG/L	ND	ND	ND	ND
2-butanone	6.3	UG/L	ND	ND	ND	ND
Carbon disulfide	.6	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	.7	UG/L	ND	ND	ND	ND
Chloroprene	.4	UG/L	ND	ND	ND	ND
Isopropylbenzene	.3	UG/L	ND	ND	ND	ND
Methyl Iodide	.6	UG/L	ND	ND	ND	ND
Methyl methacrylate	.8	UG/L	ND	ND	ND	ND
4-methyl-2-pentanone	1.3	UG/L	ND	ND	ND	ND
meta,para xylenes	.6	UG/L	ND	ND	ND	ND
Methyl tert-butyl ether	.4	UG/L	ND	ND	ND	ND
2-nitropropane	12	UG/L	ND	ND	ND	ND
ortho-xylene	.4	UG/L	ND	ND	ND	ND
Styrene	.3	UG/L	ND	ND	ND	ND

ND= not detected

SOUTH BAY WATER RECLAMATION PLANT  
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B

Annual 2010

Analyte	MDL	Units	SB_RSL_10_B	SB_RSL_10_B	SB_RSL_10_B	SB_RSL_10_B
			02-FEB-2010 <sup>^</sup>	04-MAY-2010	03-AUG-2010	05-OCT-2010
			P504541	P515533	P525101	P533648
=====						
Acrolein	1.3	UG/L	ND	ND	ND	ND
Acrylonitrile	.7	UG/L	ND	ND	ND	ND
Benzene	.4	UG/L	ND	ND	ND	ND
Bromodichloromethane	.5	UG/L	ND	ND	ND	ND
Bromoform	.5	UG/L	ND	ND	ND	ND
Bromomethane	.7	UG/L	ND	ND	ND	ND
Carbon tetrachloride	.4	UG/L	ND	ND	ND	ND
Chlorobenzene	.4	UG/L	ND	ND	ND	ND
Chloroethane	.9	UG/L	ND	ND	ND	ND
2-chloroethylvinyl ether	1.1	UG/L	ND	ND	ND	ND
Chloroform	.2	UG/L	2.4	2.8	3.3	2.6
Chloromethane	.5	UG/L	ND	ND	ND	ND
Dibromochloromethane	.6	UG/L	ND	ND	ND	ND
1,2-dichlorobenzene	.4	UG/L	0.9	0.4	0.5	ND
1,3-dichlorobenzene	.5	UG/L	ND	<0.5	ND	ND
1,4-dichlorobenzene	.4	UG/L	2.0	1.9	3.4	2.1
Dichlorodifluoromethane	.66	UG/L	ND	ND	ND	ND
1,1-dichloroethane	.4	UG/L	ND	ND	ND	ND
1,2-dichloroethane	.5	UG/L	ND	ND	ND	ND
1,1-dichloroethene	.4	UG/L	ND	ND	ND	ND
trans-1,2-dichloroethene	.6	UG/L	ND	ND	ND	ND
1,2-dichloropropane	.3	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	.3	UG/L	ND	ND	ND	ND
trans-1,3-dichloropropene	.5	UG/L	ND	ND	ND	ND
Ethylbenzene	.3	UG/L	ND	ND	ND	ND
Methylene chloride	.3	UG/L	13.5	2.2	21.8	109
1,1,2,2-tetrachloroethane	.5	UG/L	ND	ND	ND	ND
Tetrachloroethene	1.1	UG/L	ND	ND	ND	ND
Toluene	.4	UG/L	5.0	1.9	5.9	4.2
1,1,1-trichloroethane	.4	UG/L	ND	ND	ND	ND
1,1,2-trichloroethane	.5	UG/L	ND	ND	ND	ND
Trichloroethene	.7	UG/L	ND	ND	ND	ND
Trichlorofluoromethane	.3	UG/L	ND	ND	ND	ND
Vinyl chloride	.4	UG/L	ND	ND	ND	ND
=====						
Halomethane Purgeable Cmpnds	.7	UG/L	0.0	0.0	0.0	0.0
=====						
Total Dichlorobenzenes	.5	UG/L	0.9	0.4	0.5	0.0
=====						
Total Chloromethanes	.5	UG/L	15.9	5.0	25.1	112
=====						
Purgeable Compounds	1.3	UG/L	23.8	9.2	34.9	118
=====						
Acetone	4.5	UG/L	214	143	257	114*
Allyl chloride	.6	UG/L	ND	ND	ND	ND
Benzyl chloride	1.1	UG/L	ND	ND	ND	ND
1,2-dibromoethane	.3	UG/L	ND	ND	ND	ND
2-butanone	6.3	UG/L	45.8	8.6	7.5	ND
Carbon disulfide	.6	UG/L	3.7	3.4	2.6	2.7
1,2,4-trichlorobenzene	.7	UG/L	ND	ND	ND	ND
Chloroprene	.4	UG/L	ND	ND	ND	ND
Isopropylbenzene	.3	UG/L	0.4	0.5	ND	0.5
Methyl Iodide	.6	UG/L	ND	ND	ND	ND
Methyl methacrylate	.8	UG/L	ND	ND	ND	ND
4-methyl-2-pentanone	1.3	UG/L	ND	ND	ND	ND
meta,para xylenes	.6	UG/L	ND	ND	0.7	ND
Methyl tert-butyl ether	.4	UG/L	ND	ND	ND	ND
2-nitropropane	12	UG/L	ND	ND	ND	ND
ortho-xylene	.4	UG/L	ND	ND	ND	ND
Styrene	.3	UG/L	ND	ND	0.3	ND

ND=not detected

\*=The method blanks results for Acetone were above the 4.5 UG/L MDL.

<sup>^</sup> Surrogates for this sample were outside of laboratory QC standards, values not included in averages.

SOUTH BAY WATER RECLAMATION PLANT  
Tributyl Tin Analysis

Annual 2010

Analyte	MDL	Units	INFLUENT	INFLUENT	INFLUENT	INFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
			P504507 02-FEB-2010	P515501 04-MAY-2010	P525067 02-AUG-2010	P533616 05-OCT-2010	P504512 02-FEB-2010	P515506 04-MAY-2010	P525072 03-AUG-2010
Dibutyltin	7	UG/L	ND	ND	ND	ND	ND	ND	ND
Monobutyltin	16	UG/L	ND	ND	ND	ND	ND	ND	ND
Tributyltin	2	UG/L	ND	ND	ND	ND	ND	ND	ND

Analyte	MDL	Units	EFFLUENT	COMB EFF	COMB EFF	COMB EFF	COMB EFF	PRI EFF	PRI EFF
			P533621 05-OCT-2010	P504517 02-FEB-2010	P515511 04-MAY-2010	P525077 03-AUG-2010	P533626 05-OCT-2010	P504522 02-FEB-2010	P515516 04-MAY-2010
Dibutyltin	7	UG/L	ND	ND	ND	ND	ND	ND	ND
Monobutyltin	16	UG/L	ND	ND	ND	ND	ND	ND	ND
Tributyltin	2	UG/L	ND	ND	ND	ND	ND	ND	ND

Analyte	MDL	Units	PRI EFF	PRI EFF	SEC EFF	SEC EFF	SEC EFF	SEC EFF	REC WATER
			P525082 02-AUG-2010	P533631 05-OCT-2010	P504527 02-FEB-2010	P515521 04-MAY-2010	P525087 02-AUG-2010	P533636 05-OCT-2010	P504543 02-FEB-2010
Dibutyltin	7	UG/L	ND	ND	ND	ND	ND	ND	ND
Monobutyltin	16	UG/L	ND	ND	ND	ND	ND	ND	ND
Tributyltin	2	UG/L	ND	ND	ND	ND	ND	ND	ND

Analyte	MDL	Units	REC WATER	REC WATER	REC WATER
			P515535 04-MAY-2010	P525103 02-AUG-2010	P533650 05-OCT-2010
Dibutyltin	7	UG/L	ND	ND	ND
Monobutyltin	16	UG/L	ND	ND	ND
Tributyltin	2	UG/L	ND	ND	ND

ND=not detected

SOUTH BAY WATER RECLAMATION PLANT  
Dioxin and Furan Analysis  
Method 8280A

Annual 2010

Analytes	MDL	Units	Equiv.	INFLUENT	INFLUENT TCDD	EFFLUENT	EFFLUENT TCDD
				02-FEB-2010 P504507	02-FEB-2010 P504507	02-FEB-2010 P504512	02-FEB-2010 P504512
2,3,7,8-tetra CDD	125	PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND	ND	ND
octa CDD	247	PG/L	0.001	ND	ND	ND	ND
2,3,7,8-tetra CDF	115	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND	ND	ND	ND
octa CDF	222	PG/L	0.001	ND	ND	ND	ND

Analytes	MDL	Units	Equiv.	INFLUENT	INFLUENT TCDD	EFFLUENT	EFFLUENT TCDD
				04-MAY-2010 P515501	04-MAY-2010 P515501	04-MAY-2010 P515506	04-MAY-2010 P515506
2,3,7,8-tetra CDD	125	PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND	ND	ND
octa CDD	247	PG/L	0.001	ND	ND	ND	ND
2,3,7,8-tetra CDF	115	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND	ND	ND	ND
octa CDF	222	PG/L	0.001	ND	ND	ND	ND

Above are permit required CDD/CDF isomers.  
ND= not detected

SOUTH BAY WATER RECLAMATION PLANT  
Dioxin and Furan Analysis  
Method 8280A

Annual 2010

Analytes	MDL	Units	Equiv.	INFLUENT	INFLUENT	EFFLUENT	EFFLUENT
					TCDD		TCDD
				02-AUG-2010 P525067	02-AUG-2010 P525067	03-AUG-2010 P525072	03-AUG-2010 P525072
=====	=====	=====	=====	=====	=====	=====	=====
2,3,7,8-tetra CDD	125	PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND	ND	ND
octa CDD	247	PG/L	0.001	ND	ND	ND	ND
2,3,7,8-tetra CDF	115	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND	ND	ND	ND
octa CDF	222	PG/L	0.001	ND	ND	ND	ND

Analytes	MDL	Units	Equiv.	INFLUENT	INFLUENT	EFFLUENT	EFFLUENT
					TCDD		TCDD
				05-OCT-2010 P533616	05-OCT-2010 P533616	05-OCT-2010 P533621	05-OCT-2010 P533621
=====	=====	=====	=====	=====	=====	=====	=====
2,3,7,8-tetra CDD	125	PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND	ND	ND
octa CDD	247	PG/L	0.001	ND	ND	ND	ND
2,3,7,8-tetra CDF	115	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND	ND	ND	ND
octa CDF	222	PG/L	0.001	ND	ND	ND	ND

Above are permit required CDD/CDF isomers.  
ND= not detected



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Analytes	MDL	Units	Equiv.	COMB EFF	COMB EFF	PRIMARY EFF	PRIMARY EFF
					TCDD		TCDD
				02-FEB-2010 P504517	02-FEB-2010 P504517	02-FEB-2010 P504522	02-FEB-2010 P504522
2,3,7,8-tetra CDD	125	PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND	ND	ND
octa CDD	247	PG/L	0.001	ND	ND	ND	ND
2,3,7,8-tetra CDF	115	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND	ND	ND	ND
octa CDF	222	PG/L	0.001	ND	ND	ND	ND

Analytes	MDL	Units	Equiv.	COMB EFF	COMB EFF	PRIMARY EFF	PRIMARY EFF
					TCDD		TCDD
				04-MAY-2010 P515511	04-MAY-2010 P515511	04-MAY-2010 P515516	04-MAY-2010 P515516
2,3,7,8-tetra CDD	125	PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND	ND	ND
octa CDD	247	PG/L	0.001	ND	ND	ND	ND
2,3,7,8-tetra CDF	115	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND	ND	ND	ND
octa CDF	222	PG/L	0.001	ND	ND	ND	ND

Above are permit required CDD/CDF isomers.  
ND= not detected

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Analytes	MDL	Units	Equiv.	COMB EFF	COMB EFF	PRIMARY EFF	PRIMARY EFF
					TCDD		TCDD
				03-AUG-2010	03-AUG-2010	02-AUG-2010	02-AUG-2010
				P525077	P525077	P525082	P525082
=====	=====	=====	=====	=====	=====	=====	=====
2,3,7,8-tetra CDD	125	PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND	ND	ND
octa CDD	247	PG/L	0.001	ND	ND	ND	ND
2,3,7,8-tetra CDF	115	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND	ND	ND	ND
octa CDF	222	PG/L	0.001	ND	ND	ND	ND

Analytes	MDL	Units	Equiv.	COMB EFF	COMB EFF	PRIMARY EFF	PRIMARY EFF
					TCDD		TCDD
				05-OCT-2010	05-OCT-2010	05-OCT-2010	05-OCT-2010
=====	=====	=====	=====	P533626	P533626	P533631	P533631
2,3,7,8-tetra CDD	125	PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND	ND	ND
octa CDD	247	PG/L	0.001	ND	ND	ND	ND
2,3,7,8-tetra CDF	115	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND	ND	ND	ND
octa CDF	222	PG/L	0.001	ND	ND	ND	ND

Above are permit required CDD/CDF isomers.  
ND= not detected

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Analytes	MDL	Units	Equiv.	SEC EFF	SEC EFF TCDD	SEC EFF	SEC EFF TCDD
				02-FEB-2010	02-FEB-2010	04-MAY-2010	04-MAY-2010
				P504527	P504527	P515521	P515521
2,3,7,8-tetra CDD	125	PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND	ND	ND
octa CDD	247	PG/L	0.001	ND	ND	ND	ND
2,3,7,8-tetra CDF	115	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND	ND	ND	ND
octa CDF	222	PG/L	0.001	ND	ND	ND	ND

Analytes	MDL	Units	Equiv.	SEC EFF	SEC EFF TCDD	SEC EFF	SEC EFF TCDD
				02-AUG-2010	02-AUG-2010	05-OCT-2010	05-OCT-2010
				P525087	P525087	P533636	P533636
2,3,7,8-tetra CDD	125	PG/L	1.000	ND	ND	ND	ND
1,2,3,7,8-penta CDD	123	PG/L	0.500	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	113	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	98	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	111	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	137	PG/L	0.010	ND	ND	ND	ND
octa CDD	247	PG/L	0.001	ND	ND	ND	ND
2,3,7,8-tetra CDF	115	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8-penta CDF	140	PG/L	0.050	ND	ND	ND	ND
2,3,4,7,8-penta CDF	118	PG/L	0.050	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	147	PG/L	0.100	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	107	PG/L	0.100	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	152	PG/L	0.100	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	148	PG/L	0.100	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	90	PG/L	0.010	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	166	PG/L	0.010	ND	ND	ND	ND
octa CDF	222	PG/L	0.001	ND	ND	ND	ND

Above are permit required CDD/CDF isomers.  
ND= not detected

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